

## History

[illegible]

## Note of Command List

- All Commands on this document conform "CamCtl" specification in "P2\_Meta\_over\_TCP\_UDP" document.
- All Commands have "Non support", "BUSY" responses. (Not listed on Command list)

In case of Command = xxx	\$xxx:!	B	xxx command is not supported
	\$xxx:#	B	Could not act xxx command because of BUSY

As an example, shows the Auto Iris command.

LENS	IRIS	AUTO	\$AirsSw:=On	A	Change to Auto Iris ON	Exist on Command list
			\$AirsSw:=Off	A	Change to Auto Iris OFF	
			\$AirsSw:!	B	Auto Iris command is not supported	
			\$AirsSw:#	B	Could not act Auto Iris command because of BUSY	Not listed on Command list, but exist
			\$AirsSw:%	A	Auto Iris's ACK	

Camera must support all unsupported response even if it is not supported.  
However, BUSY response is not needed for unsupported command

If min/max query is not supported, "\$xxx:!" is responded. Following is the case of Shutter for an example

Exposure time	SHUTTER	FIX	\$ShtFix:c	A	Ask about maximum/minimum value of Fixed Shutter speed.	Exist on Command list
			\$ShtFix:!	B	Query of maximum/minimum value for Fixed Shutter is not supported	Not listed on Command list, but exist

- About Initial connection :

### \* Attribute definition

Attribute name	Action
Msg	Specify Message.(Error reason, Answer of query, etc.)
	Message
	Description
	Note
	Invalid Format
	Text Format is invalid
	No Connection
	Current Connection is disconnected
	Except the reply of Connect=Off
	Remote setting is Disable
	Remote function is OFF
	Not supported
	Requested function is not supported
Version	Upon connection, Exchange Protocol Version each other at Connect( Acceptable latest Version) *Version is 1.00 fixed at present.
SessionID	Camera device informs to each Remote Controller to distinguish its ID. After that, Remote Controller must inform the ID with same Tag.

\* String of \$MyName/YourName is following as a general rule. (In the actual response, "s" is added to the beginning and no "[" nor "]")

Category of device	Value
Remote Controller	"RC_[Model No.]"
Camera	"Cam_[Model No.]"

Ex. \$MyName/YourName strings are following.

Remote Controller: RC\_P2App\_EC4\_iOS      Camera: Cam\_AG-PX270x(x: depends on Place of destination)

- Exception

Command or Status	Reaction
Value of CamCtl tag is empty (like <CamCtl></CamCtl>)	Ignore (Respond empty P2Control if it is the only CamCtl tag.)
• Incoming command while Connect status is Off	Respond following (Fixed response for all commands) <P2Control> <CamCtl Msg="No Connection">\$Connect:sOff</CamCtl> </P2Control>
• Incoming command after KeepAlive timeout (Including KeepAlive command)	
• Reaching KeepAlive timeout while incoming command is being processed	
• Same status request as current status (Ex. Connect=On request while Connect status is	Keep same status if possible. Reply same status if response is needed.
• Command with invalid parameter format (Ex. <CamCtl>\$ShtFix:=On</CamCtl>)	Reply no-support response("!") with "Invalid Format" Msg for each tag. (Following is the response of the left case) <P2Control> <CamCtl Msg="Invalid Format">\$ShtFix:! </CamCtl> </P2Control>
• Device internal timeout occurs before internal processing is completed.	Reply busy response("#") for each tag. (Following is the response of the left case) <P2Control> <CamCtl>\$ShtFix:#</CamCtl> </P2Control>

- After execution of AWB/ABB Act, Status query should be sent periodically.  
Normally, query is not necessary after sNop is received until next execution.

## Command List(except Varicam)

Category	Feature	Command	Direction A: Controller→camera B: camera→Controller U: Camera→Controller (UDP)↑	Explanation Note: "=" absolute value ("=-" means negative absolute value) "++"/"--" relative value	Remarks	Support List							
						PX5000	PX800 PX380	PX270	DVX200 UX Series	EVA1 (V3.00)	CX Series		
Initialize connection	Device connection	\$Connect=On	A	Start connection device	See Communication Outline	○	○	○		○		○	
		\$Connect=Off	A	Stop connection device		○	○	○		○		○	
		\$Connects=On	B	Reply that the device connection is established		○	○	○		○		○	
		\$Connects=Off	B	Reply that the connection is not established. It replies to all the commands when not connecting.		○	○	○		○		○	
Handshake on initial connection		\$MyName=s*	AB	Notification of self-introduction, or response to notification of self-introduction on the initial connection. Note that "RC_" is required at the head of the controller's name, and the camera responds its name with "Cam_" at the head. If remote controller sends its name like: <CamCtl>\$MyName=sRC_AK-HPR20MC/<CamCtl> then the camera responds like: <CamCtl>\$YourName=sRC_AK-HPR20MC/<CamCtl> <CamCtl>\$MyName=sCam_AJ-PX5000/<CamCtl>		○	○	○	○	The controller name must be sRC_AllianceApp			
		\$YourName=s*	B	Response to notification self-introduction on the initial connection.		○	○	○	○	○		○	
Persistent connection	Keep Alive	\$KpAlive=?	A	Maintain device connection	sent every less than 5 seconds on an idle connection *EVA1 and CX Series is 30 seconds	○	○	○		○		○	
		\$KpAlives=Ok	B	Reply that the device connection is maintained.		○	○	○	○	○		○	
REC/PB	MEDIA OPERATION	RECORDING START/STOP	\$MedOpeRecSet	A	Start or stop recording		○	○	○	○	○	○	
		RECORDING Long Press	\$MedOpeRecLpt	A	Long Press of recording button		○	○	○		○	○	
		FAST	\$MedOpeFFt	A	FF		○	○	○		○	○	
		REWIND	\$MedOpeRawt	A	Rew		○	○	○		○	○	
		REC CHECK	\$MedOpeRecChk	A	RecChk		○	○	○		○	○	
		PLAY	\$MedOpePlayt	A	Play		○	○	○		○	○	
	MEDIA STATUS	STOP	\$MedOpeStop	A	Stop		○	○	○		○	○	
		\$MedSt=?	A	Query for the media status		○	○	○	○	○		○	
		\$MedSt=s*	B	Reply for media status query (refer to the value of *).  The camera recorder status hex number without "0x" in upper case: STOP(0x00) / EJECT(0x10) / LOAD(0x11) / UNLOAD(0x12) / REW(0x20) / RETAKE(0x25) / REPLAY(0x26) / FF(0x30) / REV(0x40) / CUE(0x50) / REC.REV.F(0x60) / REC.REV.R(0x61) / REC.CHK(0x62) / SHUT(0x70) / JOG(0x71) / VAR(0x72) / PLAY(0x80) / TMEMO.PLAY(0x83) / 1CLIP.PLAY(0x84) / STILL(0x90) / SKIP(0x96) / NEXT(0x94) / NEXT(0x95) / REC.PLAY(0xA0) / ASM.REC(0xA2) / REC.PAUSE(0xB0) / AUTO.BACK(0xB1) / DEW(0xB0) / STOP.STBYOFF(0xE0) / AUTO.OFF(0xF0) / POWER.OFF(0xF1) / UNKNOWN(0xFF)		○	○	○	○	○	Support only STOP(0x00) EJECT(0x10) REC.CHK(0x62) PLAY(0x80) ASM.REC(0xA2) REC.PAUSE(0xB0)		
		\$Alarm=?	A	Query about Alarm On/Off	Fast:4Hz	○	○	○	○	○		○	
		\$Alarms=On*	B	Set Alarm ON. *: If * is Number, it indicates blink frequency.)		○	○	○	○	○		○	
		\$Alarm=Off	B	Set Alarm OFF		○	○	○	○	○		○	
		RED	\$RTlySw=?	A	Query about Red Tally On/Off		○	○	○	○	○		○
			\$RTlySw=On	B	Answer of Red Tally On		○	○	○	○	○		○
			\$RTlySw=Off	B	Answer of Red Tally Off		○	○	○	○	○		○
\$RTlySw=On	A		Change to Red Tally On		○	○	○	○	○		○		
\$RTlySw=Off	A		Change to Red Tally Off		○	○	○	○	○		○		
\$RTlySw=OnOff	A		Order of toggle control about Red Tally		○	○	○	○	○		○		
GREEN	\$GTHlySw=?	A	Query about Green Tally On/Off		○	○	○	○	○		○		
	\$GTHlySw=On	B	Answer of Green Tally On		○	○	○	○	○		○		
	\$GTHlySw=Off	B	Answer of Green Tally Off		○	○	○	○	○		○		
	\$GTHlySw=On	A	Change to Green Tally On		○	○	○	○	○		○		
	\$GTHlySw=Off	A	Change to Green Tally Off		○	○	○	○	○		○		
	\$GTHlySw=OnOff	A	Order of toggle control about Green Tally		○	○	○	○	○		○		
USER KEY	USER MAIN	\$UserMainSw=On	A	User SW Main On		○	○	○	○	○	○		
	USER SWITCH 1	\$UserSw1=On	A	User SW 1 On		○	○	○	○	○	○		
	USER SWITCH 2	\$UserSw2=On	A	User SW 2 On		○	○	○	○	○	○		
	USER SWITCH 3	\$UserSw3=On	A	User SW 3 On		○	○	○	○	○	○		
	USER SWITCH 4	\$UserSw4=On	A	User SW 4 On		○	○	○	○	○	○		
	USER SWITCH 5	\$UserSw5=On	A	User SW 5 On		○	○	○	○	○	○		
	USER SWITCH 6	\$UserSw6=On	A	User SW 6 On		○	○	○	○	○	○		
	USER SWITCH 7	\$UserSw7=On	A	User SW 7 On		○	○	○	○	○	○		
	USER SWITCH 8	\$UserSw8=On	A	User SW 8 On		○	○	○	○	○	○		
Display	CHARACTER	\$Char=On	A	Change to Character display ON		○	○	○	○	○	○		
		\$Char=Off	A	Change to Character display OFF		○	○	○	○	○	○		
		\$Char=OnOff	A	Order of toggle control about Character display ON/OFF		○	○	○	○	○	○		
	DISP OUT	DISP OUT1	\$Char=?	A	Query about Character display On/Off		○	○	○	○	○	○	
			\$Char=On	B	Answer of Character display ON		○	○	○	○	○	○	
			\$Char=Off	B	Answer of Character display OFF		○	○	○	○	○	○	
			\$DispOut1=On	A	Change to Char/Menu display ON	for Output 1	○	○	○	○	○	○	
			\$DispOut1=Off	A	Change to Char/Menu display OFF		○	○	○	○	○	○	
			\$DispOut1=OnOff	A	Order of toggle control about Char/Menu display		○	○	○	○	○	○	
		DISP OUT2	\$DispOut1=?	A	Query about Char/Menu display On/Off		○	○	○	○	○	○	
			\$DispOut1=On	B	Answer of Char/Menu display ON		○	○	○	○	○	○	
			\$DispOut1=Off	B	Answer of Char/Menu display OFF		○	○	○	○	○	○	
			\$DispOut2=On	A	Change to Char/Menu display ON	for Output 2	○	○	○	○	○	○	
			\$DispOut2=Off	A	Change to Char/Menu display OFF		○	○	○	○	○	○	
			\$DispOut2=OnOff	A	Order of toggle control about Char/Menu display		○	○	○	○	○	○	
GAIN	MASTER	\$DispOut2=?	A	Query about Char/Menu display On/Off		○	○	○	○	○	○		
		\$DispOut2=On	B	Answer of Char/Menu display ON		○	○	○	○	○	○		
		\$DispOut2=Off	B	Answer of Char/Menu display OFF		○	○	○	○	○	○		
		\$MGain=++	A	Specify to relatively increase/decrease the current master gain. (value range: -1 or +1)	Once remote control communication is established, firstly the gain is reset to the gain specified by LOW GAIN of SW MODE menu. (Default is 0dB.) Then the gain is able to be changed by using this command. Note that after the remote control communication is over, the setting of LOW GAIN keeps the lastly set value by remote control.	○	○	○	○	○	○		
	BAR	\$MGain=--	A			○	○	○	○	○	○		
		\$BarSw=On	A	Change to Color Bar ON		○	○	○	○	○	○		
		\$BarSw=Off	A	Change to Color Bar OFF		○	○	○	○	○	○		
		\$BarSw=?	A	Query about Color Bar display On/Off		○	○	○	○	○	○		
		\$BarSw=On	B	Answer of Color Bar display ON		○	○	○	○	○	○		
		\$BarSw=Off	B	Answer of Color Bar display OFF		○	○	○	○	○	○		
Luminance	KNEE CONTROL / AUTO KNEE CONTROL	\$KneeCont=On	A	Change to Knee/Auto Knee ON		○	○	○	○	○	○		
		\$KneeCont=Off	A	Change to Knee/Auto Knee OFF		○	○	○	○	○	○		
		\$KneeCont=?	A	Query about Knee/Auto Knee On/Off	for AG ROP Ver.1.1.0	○	○	○	○	○	○		
	MODE	\$KneeCont=On	B	Answer of Knee/Auto Knee ON		○	○	○	○	○	○		
		\$KneeCont=Off	B	Answer of Knee/Auto Knee OFF		○	○	○	○	○	○		
		\$KneeMode=s*	A	Select Knee mode. (* : one of D-RANGE, PRESS)		○	○	○	○	○	○		
		\$KneeMode=++	A	Increase/decrease Knee mode relatively.		○	○	○	○	○	○		
		\$KneeMode=--	A			○	○	○	○	○	○		
		\$KneeMode=?	A	Confirm the current setting.		○	○	○	○	○	○		
	MASTER POINT	\$KneeMode=s*	B	Reply of Knee mode. (* : one of D-RANGE, PRESS)		○	○	○	○	○	○		
		\$KneeMPPoint=++	A	Increase/decrease the position of knee point value relatively.		○	○	○	○	○	○		
		\$KneeMPPoint=--	A			○	○	○	○	○	○		
		\$KneeMPPoint=?	A	Order of the position of knee point value (absolute)	Range: 55~100 or 75~109	○	○	○	○	○	○		
		\$KneeMPPoint=?	A	Confirm the current setting.		○	○	○	○	○	○		
		\$KneeMPPoint=s*	B	Answer about the current position of knee point value.		○	○	○	○	○	○		
SLOPE MASTER	\$KneeMSlope=++	A	Increase/decrease the knee inclination value relatively.		○	○	○	○	○	○			
	\$KneeMSlope=--	A			○	○	○	○	○	○			
	\$KneeMSlope=?	A	Order of the knee inclination value (absolute value)	Range: 0~100	○	○	○	○	○	○			
	\$KneeMSlope=?	A	Confirm the current setting.		○	○	○	○	○	○			
	\$KneeMSlope=s*	B	Answer about the current knee inclination value.		○	○	○	○	○	○			
	\$KneeSw=On	A	Change to Knee/Auto Knee ON	Valid only when MAIN COLOR = SCENE+ and GAMMA SELECT = VIDEO	○	○	○	○	○	○			
KNEE SWITCH	\$KneeSw=Off	A	Change to Knee/Auto Knee OFF		○	○	○	○	○	○			
	\$KneeSw=?	A	Query about Knee/Auto Knee On/Off		○	○	○	○	○	○			
	\$KneeSw=On	B	Answer of Knee/Auto Knee ON		○	○	○	○	○	○			
	\$KneeSw=Off	B	Answer of Knee/Auto Knee OFF		○	○	○	○	○	○			
	\$KneePoint=++	A	Increase/decrease the position of knee point value relatively.	Valid only when MAIN COLOR = SCENE+ and GAMMA SELECT = VIDEO	○	○	○	○	○	○			
	\$KneePoint=--	A			○	○	○	○	○	○			
KNEE POINT	\$KneePoint=?	A	Order of the position of knee point value (absolute)	Range: 75~109	○	○	○	○	○	○			
	\$KneePoint=?	A	Confirm the current setting.		○	○	○	○	○	○			
	\$KneePoint=s*	B	Answer about the current position of knee point value.		○	○	○	○	○	○			
	\$KneeSlope=++	A	Increase/decrease the knee inclination value relatively.	Valid only when MAIN COLOR = SCENE+ and GAMMA SELECT = VIDEO	○	○	○	○	○	○			
	\$KneeSlope=--	A			○	○	○	○	○	○			
	\$KneeSlope=?	A	Order of the knee inclination value (absolute value)		○	○	○	○	○	○			
KNEE SLOPE	\$KneeSlope=?	A	Confirm the current setting.	Range: 0~100	○	○	○	○	○	○			
	\$KneeSlope=s*	B	Answer about the current knee inclination value.		○	○	○	○	○	○			
	\$HLgKneeSw=On	A	Change to HLG Knee/Auto Knee ON	Valid only when MAIN COLOR = SCENE+ and GAMMA SELECT = HLG	○	○	○	○	○	○			
	\$HLgKneeSw=Off	A	Change to HLG Knee/Auto Knee OFF		○	○	○	○	○	○			
	\$HLgKneeSw=?	A	Query about HLG Knee/Auto Knee On/Off		○	○	○	○	○	○			
	\$HLgKneeSw=On	B	Answer of HLG Knee/Auto Knee ON		○	○	○	○	○	○			
HLG KNEE SWITCH	\$HLgKneeSw=Off	B	Answer of HLG Knee/Auto Knee OFF		○	○	○	○	○	○			
	\$HLgKneePoint=++	A	Increase/decrease the position of knee point value relatively.	Valid only when MAIN COLOR = SCENE+ and GAMMA SELECT = HLG	○	○	○	○	○	○			
	\$HLgKneePoint=--	A			○	○	○	○	○	○			
	\$HLgKneePoint=?	A	Order of the position of knee point value (absolute)	Range: 55~100	○	○	○	○	○	○			
	\$HLgKneePoint=?	A	Confirm the current setting.		○	○	○	○	○	○			
	\$HLgKneePoint=s*	B	Answer about the current position of knee point value.		○	○	○	○	○	○			
HLG KNEE SLOPE	\$HLgKneeSlope=++	A	Increase/decrease the knee inclination value relatively.	Valid only when MAIN COLOR = SCENE+ and GAMMA SELECT = HLG	○	○	○	○	○	○			
	\$HLgKneeSlope=--	A			○	○	○	○	○	○			
	\$HLgKneeSlope=?	A	Order of the knee inclination value (absolute value)		○	○	○	○	○	○			

			\$HlgKneeSlope**	A	Order of the knee inclination value (absolute value)						-	0	-	-
			\$HlgKneeSlope?	A	Confirm the current setting.						-	0	-	-
			\$HlgKneeSlope**	B	Answer about the current knee inclination value.						-	0	-	-
			\$KneeSel=*	A	Select Knee mode(AUTO/MANUAL/OFF) **=Auto/Manual/OFF						-	0	-	0
			\$KneeSel?	A	Query about Knee Selection.									
			\$KneeSel=*	R	Answer of Knee Selection.									
			\$WBalSel=*	A	Select white balance absolute value stored in channels.						0	0	0	
			\$WBalSel?	A	Query about white balance channel Selection.									
			\$WBalSel=*	B	Answer of white balance channel Selection.									
			\$CoTemp**	A	Increase/decrease theColor Temperature index relatively									
			\$CoTemp=*	B	Answer of Color Temperature index relatively									
			\$AWbAct	A	Execute auto white balance.									
			\$ABbAct	A	Execute auto black balance.									
			\$AWb?	A	Query AWB Status.									
			\$AWb=*	B	Answer AWB Status sNop Not in operation / sActive In porcess / sOk Process OK / sNg Process NG / sBreak Process BREAK / sAtw mode Run AWB on ATW (auto tracking white balance) mode /									
			\$ABB	A	Query ABB Status									
			\$Abb.s?	B	Answer ABB Status sNop Not in operation / sActive In porcess / sOk Process OK / sNg Process NG /									
			\$DataSave=On	A	Change to Data Save ON									
			\$DataSave=Off	A	Change to Data Save OFF									
			\$DataSave=On	B	Answer of Data Save ON									
			\$DataSave=Off	B	Answer of Data Save OFF									
			\$Menu=On	A	Change to Camera Menu Display ON									
			\$Menu=Off	A	Change to Camera Menu Display OFF									
			\$Menu=On/Off	A	Order of toggle control about Camera Menu Display									
			\$Menu=On	A	Ask about Camera Menu Display ON/OFF									
			\$Menu=On	B	Answer of Camera Menu Display ON									
			\$Menu=Off	B	Answer of Camera Menu Display OFF									
			\$ShtrSw=On	A	Change to Shutter ON									
			\$ShtrSw=Off	A	Change to Shutter OFF									
			\$ShtrSel**	A	Select Shutter Mode(*: one of FIX SLOW SYNC)									
			\$ShtrFix**	A	Increase/decrease the Fixed Shutter speed relatively.									
			\$ShtrFixc	A	Ask about maximum/minimum value of Fixed Shutter speed									
			\$ShtrFix**	B	Answer about maximum/minimum value of Fixed Shutter speed									
			\$ShtrSync**	A	Increase/decrease the Syncro Scan parameter relatively.									
			\$ShtrSyncc	A	Ask about maximum/minimum value of Syncro Scan parameter									
			\$ShtrSync**	B	Answer about maximum/minimum value of Syncro Scan parameter									
			\$ShtrStep**	A	Increase/decrease the Shutter step index relatively.									
			\$ShtrStep=*	B	Answer about maximum/minimum value of Shutter step index									
			\$RGain**	A	Order for R-channel gain.(absolute value)									
			\$RGain**	A	Increase/decrease the R gain value relatively.									
			\$RGain?	A	Confirm the current setting.									
			\$RGain=s	B	Answer about the current R Gain value.									
			\$RGainc*	A	Ask about maximum/minimum value of R-channel gain									
			\$BGain**	A	Order for B-channel gain.(absolute value)									
			\$BGain**	A	Increase/decrease the B gain value relatively.									
			\$BGain?	A	Confirm the current setting.									
			\$BGain=s	B	Answer about the current B Gain value.									
			\$BGainc*	A	Ask about maximum/minimum value of B-channel gain									
			\$RPed**	A	Order for R-channel Pedestal Level.(absolute value)									
			\$RPed**	A	Increase/decrease the R Pedestal Level value relatively.									
			\$RPed=?	A	Confirm the current setting.									
			\$RPed=s	B										

## Command List(except Varicam)

			\$ZmSpd:*#	B	Answer the maximum/minimum value of Zoom Speed (0: STOP, ±1~±32767 for maximum/minimum speed)		-	-	○		○	○	○			
Matrix	MATRIX	SWITCH	\$MtrxTbl=On	B	Change to MATRIX TBL ON		-	-	-		-	-	-			
			\$MtrxTbl=Off	B	Change to MATRIX TBL OFF		-	-	-		-	-	-			
			\$MtrxTbl?	B	Query about MATRIX TBL On/Off		-	-	-		-	-	-			
			\$MtrxTblsOn	B	Reply of MATRIX TBL On		-	-	-		-	-	-			
			\$MtrxTblsOff	B	Reply of MATRIX TBL Off		-	-	-		-	-	-			
DETAIL	DETAIL	SWITCH	\$DtlSw=On	B	Change to Detail ON		-	-	-		-	○	-			
			\$DtlSw=Off	B	Change to Detail OFF		-	-	-		-	○	-			
			\$DtlSw?	B	Query about Detail On/Off		-	-	-		-	○	-			
			\$DtlSw=On	B	Reply of Detail On		-	-	-		-	○	-			
			\$DtlSw=Off	B	Reply of Detail Off		-	-	-		-	○	-			
	MASTER DETAIL		\$MDtl=*	B	Order for Master Detail Level. (absolute value)		-	-	-		-	○	-			
			\$MDtl?	B	Confirm the current setting.		-	-	-		-	○	-			
			\$MDtl=*	B	Answer about the current Master Detail Level.		-	-	-		-	○	-			
			\$SkinDtlSw?	B	Change to Skin Detail ON		-	-	-		-	○	-			
			\$SkinDtlSw=On	B	Change to Skin Detail OFF		-	-	-		-	○	-			
	SKIN TONE DETAIL	SWITCH	\$SkinDtlSw=Off	B	Query about Skin Detail On/Off		-	-	-		-	○	-			
			\$SkinDtlSw=On	B	Reply of Skin Detail On		-	-	-		-	○	-			
			\$SkinDtlSw=Off	B	Reply of Skin Detail Off		-	-	-		-	○	-			
			\$SkinDtlSw=On	B	Reply of Skin Detail On		-	-	-		-	○	-			
			\$SkinDtlSw=Off	B	Reply of Skin Detail Off		-	-	-		-	○	-			
FLARE	FLARE	R.ch	\$RFlr=*	B	Increase/decrease the R Flare Level value relatively.		-	-	-		-	-	-			
			\$RFlr=*	B	Order of the R Flare Level value (absolute value)		-	-	-		-	-	-			
			\$RFlr?	B	Confirm the current setting.		-	-	-		-	-	-			
			\$RFlr=*	B	Answer about the current R Flare Level value.		-	-	-		-	-	-			
			\$GFlr=*	B	Increase/decrease the G Flare Level value relatively.		-	-	-		-	-	-			
		G.ch	\$GFlr=*	B	Order of the G Flare Level value (absolute value)		-	-	-		-	-	-			
			\$GFlr?	B	Confirm the current setting.		-	-	-		-	-	-			
			\$GFlr=*	B	Answer about the current G Flare Level value.		-	-	-		-	-	-			
			\$BFlr=*	B	Increase/decrease the B Flare Level value relatively.		-	-	-		-	-	-			
			\$BFlr=*	B	Order of the B Flare Level value (absolute value)		-	-	-		-	-	-			
		B.ch	\$BFlr?	B	Confirm the current setting.		-	-	-		-	-	-			
			\$BFlr=*	B	Answer about the current B Flare Level value.		-	-	-		-	-	-			
			\$ShdDapt=*	A	Select Shutter Unit (* : one of Sec, Deg, Par)		-	-	-		-	○	-			
			\$ShdDapt?	A	Query about Shutter Unit		-	-	-		-	○	-			
			\$ShdDapt=*	B	Reply of Shutter Unit (* : one of Sec, Deg, Par)		-	-	-		-	○	-			
SHUTTER	SHUTTER UNIT		\$Ext?	A	Query about Extender		-	-	-		-	-	-			
			\$Ext=*	B	Reply of Extender (* : one of 0.8, 1.0, 2.0)		-	-	-		-	-	-			
			\$DExt?	A	Query about Digital Extender ON/OFF		-	-	-		-	-	-			
			\$DExt=On	B	Reply of Digital Extender ON		-	-	-		-	-	-			
			\$DExt=Off	B	Reply of Digital Extender OFF		-	-	-		-	-	-			
LENS	EXTENDER	CONTROL	\$UserFileSel	B	Select a User File		-	-	-		-	-	-			
			\$Vfr=On	A	Change to Variable Frame rate ON	Current value can be acquired by UDP	○	○	○		-	○	-			
			\$Vfr=Off	A	Change to Variable Frame rate OFF		○	○	○		-	○	-			
			\$Vfr=On	A	Order of Variable Frame rate		○	○	○		-	○	-			
			\$FrameRate=*	A	Increase/decrease the Variable Frame rate value relatively.		○	○	○		-	○	-			
			\$FrameRate?	A	Ask about maximum/minimum value of FrameRate step index.		-	-	-		-	○	-			
			\$FrameRate=*	B	Answer about maximum/minimum value of FrameRate step index.		-	-	-		-	○	-			
			\$IAZoomSw=On	B	Change to IA Zoom ON	for DVX200	-	-	-		-	○	-			
			\$IAZoomSw=Off	B	Change to IA Zoom OFF		-	-	-		-	○	-			
			\$IAZoomSw?	B	Query about IA Zoom On/Off		-	-	-		-	○	-			
			\$IAZoomSw=On	B	Reply of IA Zoom On		-	-	-		-	○	-			
			\$IAZoomSw=Off	B	Reply of IA Zoom Off		-	-	-		-	○	-			
			\$IAZoomSpd=*	B	Control the value of IA Zoom Speed (absolute value) (0: Stop minimum/maximum range: ±1~±32767)		-	-	-		-	○	-			
			\$IAZoomSpd?	B	Ask the maximum/minimum value of IA Zoom Speed		-	-	-		-	○	-			
			\$IAZoomSpd=*	B	Answer the maximum/minimum value of IA Zoom Speed (value range of speed : return value of *#. Ex. if response is 20.30000, ~30000~20.0, 20~30000 is relatively)		-	-	-		-	○	-			
EI	EI Mode	EI Mode	\$EIMode=*	A	Select EI Mode (* : one of ISO, dB)		-	-	-		-	○	-			
			\$EIMode?	A	Query about EI Mode		-	-	-		-	○	-			
			\$EIMode=*	B	Reply of EI Mode (* : one of ISO, dB)		-	-	-		-	○	-			
			\$EISOmode=*	A	Select EI ISO Mode (* : one of NATIVE ONLY, 800BASE, 2500BASE)		-	-	-		-	○	-			
			\$EISOmode?	A	Query about EI Mode		-	-	-		-	○	-			
		ISO Mode	\$EISOmode=*	B	Reply of EI Mode (* : one of NATIVE ONLY, 800BASE, 2500BASE)		-	-	-		-	○	-			
			\$EIGainMode=*	A	Select EI GAIN Mode (* : one of NORMAL, HIGH)		-	-	-		-	○	-			
			\$EIGainMode?	A	Query about EI GAIN Mode		-	-	-		-	○	-			
			\$EIGainMode=*	B	Reply of EI GAIN Mode (* : one of NORMAL, HIGH)		-	-	-		-	○	-			
			\$EIGainMode=*	B	Reply of EI GAIN Mode (* : one of NORMAL, HIGH)		-	-	-		-	○	-			
		Display	THUMBNAI	THUMBNAI MENU	\$Thmb=On	A	Order of Image control about Thumbnail ON/OFF	THUMBNAI	○	○	○		○	○	○	
					\$Thmb=On	A	Change to Thumbnail ON		-	-	-		-	○	-	
					\$Thmb=Off	A	Change to Thumbnail OFF		-	-	-		-	○	-	
					\$Thmb?	A	Query about Thumbnail On/Off	for DVX200	-	-	-		-	○	-	
					\$Thmb=On	B	Reply of Thumbnail On		-	-	-		-	○	-	
\$Thmb=Off	B				Reply of Thumbnail Off		-	-	-		-	○	-			
MENU	UP				\$MenuUp?	A	Query about Thumbnail Off		-	-	-		-	○	-	
					\$MenuUp?	A	Move the menu up	UP	○	○	○		-	○	-	
					\$MenuDown?	A	Move the menu down	DOWN	○	○	○		-	○	-	
					\$MenuLeft?	A	Move the menu left	LEFT	○	○	○		-	○	-	
					\$MenuRight?	A	Move the menu right	RIGHT	○	○	○		-	○	-	
MULTI SEL	MULTI SEL (SHIFT + SET)				\$MenuTop?	A	Move the menu top	TOP(SHIFT + UP)	○	○	○		-	-	-	
					\$MenuBottom?	A	Move the menu bottom	BOTTOM(SHIFT + DOWN)	○	○	○		-	-	-	
					\$MenuSet?	A	Select Operation of Camera Menu or Enter to lower menu	SET	○	○	○		-	○	-	
					\$MenuExit?	A	Multi selection	MULTI SEL (SHIFT + SET)	○	○	○		-	○	-	
		\$MenuCancel?	A	Back the camera menu to upper layer	EXIT	○	○	○		-	○	-				
HOME DISP	HOME DISP	INFO DISP	\$MenuCancel?	A	Cancel of multi selection	CANCEL (SHIFT + EXIT)	○	○	○		-	-	-			
			\$MenuCw?	A	Move the menu up / right / in a clockwise direction		○	○	○		-	-	-			
			\$MenuCcw?	A	Move the menu down / left / in a counter clockwise		○	○	○		-	-	-			
			\$Home?	A	HOME Button touched		-	-	-		-	○	-			
			\$Info?	A	INFO Button touched		-	-	-		-	○	-			
VIEW	VIEW DISP		\$View?	A	VIEW Button touched		-	-	-		-	○	-			
			\$ScnFileSel=1	A	Select SCENE1		-	-	-		-	-	-			
			\$ScnFileSel=2	A	Select SCENE2		-	-	-		-	-	-			
			\$ScnFileSel=3	A	Select SCENE3		-	-	-		-	-	-			
			\$ScnFileSel=4	A	Select SCENE4		-	-	-		-	-	-			
User File	USER		\$UserFileSel=1	A	Select USER1	*This is equivalent to user file	-	-	-		-	-	-			
			\$UserFileSel=2	A	Select USER2		-	-	-		-	-	-			
			\$UserFileSel=3	A	Select USER3		-	-	-		-	-	-			
			\$UserFileSel=4	A	Select USER4		-	-	-		-	-	-			
			\$UserFileSel=5	A	Select USER5		-	-	-		-	-	-			
RECORDING	START/STOP		\$MedOpeRecSt	A	REC Start/Stop		○	○	○		○	○	○			
			\$MedOpeRecStp	A	REC Stop		○	○	○		-	○	○			
			\$MedOpeRecStp	A	REC Start/Stop		○	○	○		-	○	○			
			\$MedOpeRecStp	A	REC Stop		○	○	○		-	○	○			
			\$MedOpeRecStp	A	REC Start/Stop		○	○	○		-	○	○			
COLOR	COLOR SETTINGS	MAIN COLOR	\$MainCol=*	A	Select MAIN COLOR setting (* : one of V-Log, SCENE1, SCENE2, SCENE3, SCENE4, SCENE5)		-	-	-		-	○	-			
			\$MainCol=*	A	Increase/decrease the MAIN COLOR setting relatively.		-	-	-		-	○	-			
			\$MainCol?	A	Confirm the current setting.		-	-	-		-	○	-			
			\$MainCol=*	B	Reply of MAIN COLOR setting (* : one of V-Log, SCENE1, SCENE2, SCENE3, SCENE4, SCENE5)		-	-	-		-	○	-			
			\$MainCol=*	B	Reply of MAIN COLOR setting (* : one of V-Log, SCENE1, SCENE2, SCENE3, SCENE4, SCENE5)		-	-	-		-	○	-			
			White Clip	White Clip	WHITE CLIP FUNCTION	\$WCli=On	A	Change to white clip function ON		-	-	-		-	○	-
						\$WCli=Off	A	Change to white clip function OFF		-	-	-		-	○	-
						\$WCli?	A	Query about white clip function On/Off		-	-	-		-	○	-
						\$WCli=On	B	Answer of white clip function ON		-	-	-		-	○	-
						\$WCli=Off	B	Answer of white clip function OFF		-	-	-		-	○	-
			LEVEL	LEVEL		\$WCliLv=*	A	Increase/decrease the white clip function level relatively.		-	-	-		-	○	-
						\$WCliLv=*	A	Order of the white clip function level (absolute value)	Range: 90~109	-	-	-		-	○	-
						\$WCliLv?	A	Confirm the current setting.		-	-	-		-	○	-
						\$WCliLv=*	B	Answer about the current white clip function level.		-	-	-		-	○	-
						\$WCliLv=*	B	Answer about the current white clip function level.		-	-	-		-	○	-
GAMMA	GAMMA	GAMMA SELECT	\$GamMode=*	A	Select Gamma Mode setting (* : one of V-25570L1, V-504580L1, VIDEO, HLG)		-	-	-		-	○	-			
			\$GamMode=*	A	Increase/decrease the Gamma Mode setting relatively.		-	-	-		-	○	-			
			\$GamMode?	A	Confirm the current setting.		-	-	-		-	○	-			
			\$GamMode=*	B	Reply of Gamma Mode setting (* : one of V-25570L1, V-504580L1, VIDEO, HLG)		-	-	-		-	○	-			
			\$GamMode=*	B	Reply of Gamma Mode setting (* : one of V-25570L1, V-504580L1, VIDEO, HLG)		-	-	-		-	○	-			
			MASTER GAMMA		\$MGam=*	A	Increase/decrease the Master Gamma Level value relatively.		-	-	-		-	○	-	
					\$MGam=*	A	Order of the Master Gamma Level value (absolute)	Range: 0.30~0.75 (0.01step)	-	-	-		-	○	-	
					\$MGam?	A	Confirm the current setting.		-	-	-		-	○	-	
					\$MGam=*	B	Answer about the current Master Gamma Level value.		-	-	-		-	○	-	
					\$MGam=*	B	Answer about the current Master Gamma Level value.		-	-	-		-	○	-	
			BLACK GAMMA	BLACK GAMMA	BLACK GAMMA SW	\$BkGam=On	A	Change to Black Gamma ON		-	-	-		-	○	-
						\$BkGam=Off	A	Change to Black Gamma OFF		-	-	-		-	○	-
						\$BkGam?	A	Query about Black Gamma On/Off		-	-	-		-	○	-
						\$BkGam=On	B	Answer of Black Gamma ON		-	-	-		-	○	-
						\$BkGam=Off	B	Answer of Black Gamma OFF		-	-	-		-	○	-
BLACK MASTER GAMMA		\$MBkGam=*				A	Increase/decrease the Black Master Gamma Level value relatively.		-	-	-		-	○	-	
		\$MBkGam=*				A	Order of the Black Master Gamma Level value (absolute value)	Range: -8~-1, 1~8	-	-	-		-	○	-	
		\$MBkGam?				A	Confirm the current setting.		-	-	-		-	○	-	
		\$MBkGam=*				B	Answer about the current Black Master Gamma Level value.		-	-	-		-	○	-	
		\$MBkGam=*				B	Answer about the current Black Master Gamma Level value.		-	-	-		-	○	-	

[illegible]

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## Command List(for Varicam)

category	Feature	command	Direction A: Controller→camera B: camera→Controller U: Camera→Controller (UDP)†	explanation Note: "-": absolute value ("=-" means negative absolute value) "-": relative value	Remarks	VaricamLT	Varicam35 VaricamHS VaricamPure
Initialize connection	Device connection	\$Connect=On	A	Start connection device	See Communication Outline	○	○
		\$Connect=Off	A	Stop connection device		○	○
		\$ConnectsOn	B	Reply that the device connection is established.		○	○
		\$ConnectsOff	B	Reply that the connection is not established.		○	○
		\$MyNames*	AB	Notification of self-introduction, or response to notification of self-introduction on the initial connection. Note that "RC_" is required at the head of the controller's name, and the camera responds its name with "Cam_" at the head.	If remote controller sends its name like: <CamCtl>\$MyNamesRC_AK-HPR20MC/<CamCtl> then the camera responds like: <CamCtl>\$YourNamesRC_AK-HPR20MC/<CamCtl>	○	○
	Handshake on initial connection	\$YourNames*	B	Response to notification self-introduction on the initial		○	○
		\$KpAlive?	A	Maintain device connection	sent every less than 5 seconds on an idle connection	○	○
		\$KpAlivesOk	B	Reply that the device connection is maintained.		○	○
		\$MedOpeRecSst	A	Start or stop recording		○	○
		\$MedOpsStop	A	Stop		○	○
REC/PB	MEDIA OPERATION	\$MedSt?	A	Query for the media status.		○	○
		\$MedSts*	B	Reply for media status query (refer to the value of *).		○	○
				The camera recorder status hex number without "0x" in upper case: STOP(0x00) / EJECT(0x10) / LOAD(0x11) / UNLOAD(0x12) / REW(0x20) / RETAKE(0x25) / REPLAY(0x2B) / FF(0x30) / REV(0x40) / CUE(0x50) / REC_REV F(0x60) / REC_REV R(0x61) / REC_CHK(0x62) / SHUTL(0x70) / JOG(0x71) / VAR(0x72) / PLAY(0x80) / TMEMO_PLAY(0x83) / ICLIP_PLAY(0x84) / STILL(0x90) / SKIP(0x96) / NEXTR(0x94) / NEXT F(0x95) / REC_PLAY(0xA0) / ASM_REC(0xA2) / REC_PAUSE(0xB0) / AUTO BACK(0xB1) / DEW(0xD0) / STOP_STBYOFF(0xE0) / AUTO_OFF(0xF0) / POWER_OFF(0xF1) / UNKOWN(0xFF)		○	○
	MEDIA STATUS						
TALLY	Alarm	\$Alarm?	A	Query about Alarm On/Off	Fast4Hz	○	○
		\$AlarmsOn*	B	Set Alarm ON(*: If * is Number, it indicates blink)		○	○
		\$AlarmsOff	B	Set Alarm OFF		○	○
		\$RTlySw?	A	Query about Red Tally On/Off		○	○
		\$RTlySw=On	B	Answer of Red Tally On		○	○
	RED	\$RTlySw=Off	B	Answer of Red Tally Off		○	○
		\$RTlySw=On	A	Change to Red Tally On		○	○
		\$RTlySw=Off	A	Change to Red Tally Off		○	○
		\$RTlySw=OnOff	A	Order of toggle control about Red Tally		○	○
		\$GTlySw?	A	Query about Green Tally On/Off		○	○
CALL	CALL	\$GTlySw=On	B	Answer of Green Tally On		○	○
		\$GTlySw=Off	B	Answer of Green Tally Off		○	○
		\$GTlySw=On	A	Change to Green Tally On		○	○
		\$GTlySw=Off	A	Change to Green Tally Off		○	○
		\$GTlySw=OnOff	A	Order of toggle control about Green Tally		○	○
	GREEN						
CALL	CALL	\$Call?	A	Query about Call indicator On/Off		○	○
		\$CallsOn	B	Answer of Call indicator On		○	○
		\$CallsOff	B	Answer of Call indicator Off		○	○
		\$Call=On	A	Change to Call indicator On		○	○
		\$Call=Off	A	Change to Call indicator Off		○	○
	USER MAIN	\$UserMainSw=On	A	User SW Main On		○	○
		\$UserSw1=On	A	User SW 1 On		○	○
		\$UserSw2=On	A	User SW 2 On		○	○
		\$UserSw3=On	A	User SW 3 On	Except Varicam Pure	○	○
Display	CHARACTER	\$Char=On	A	Change to Character display ON	This controls only SDI/MON OUT2	○	○
		\$Char=Off	A	Change to Character display OFF		○	○
		\$Char=OnOff	A	Order of toggle control about Character display ON/OFF		○	○
		\$Char?	A	Query about Character display On/Off		○	○
		\$CharsOn	B	Answer of Character display ON		○	○
	MASTER	\$CharsOff	B	Answer of Character display OFF		○	○
GAIN	MASTER	\$MGain:++ \$MGain:--	A	Increase/decrease the current master gain value relatively.	Once remote control communication is established, firstly the gain is reset to the gain specified by LOW GAIN of SW MODE menu. (Default is 0dB.) Then the gain is able to be changed by using this command. Note that after the remote control communication is over, the setting of LOW GAIN keeps the lastly set value by remote control.	○	○
	BAR	\$MGain?	A	Confirm the current setting.		○	○
		\$MGains*	B	Answer about the current master gain value.	Range: -12~24 or 200~12800	○	○
BAR	BAR	\$BarSw=On	A	Change to Color Bar display ON		○	○
		\$BarSw=Off	A	Change to Color Bar display OFF		○	○
		\$BarSw?	A	Query about Color Bar display On/Off		○	○
		\$BarSw=On	B	Answer of Color Bar display ON		○	○
		\$BarSw=Off	B	Answer of Color Bar display OFF		○	○
	Luminance						
Luminance	KNEE CONTROL / AUTO KNEE CONTROL	\$KneeCont=On	A	Change to Knee/Auto Knee ON		○	○
		\$KneeCont=Off	A	Change to Knee/Auto Knee OFF		○	○
		\$KneeCont?	A	Query about Knee/Auto Knee On/Off		○	○
		\$KneeCont=On	B	Answer of Knee/Auto Knee ON		○	○
		\$KneeCont=Off	B	Answer of Knee/Auto Knee OFF		○	○
	MODE	\$KneeMode:=*	A	Select Knee mode. (*: one of D-RANGE, PRESS)		○	○
MASTER POINT	MASTER POINT	\$KneeMode:++ \$KneeMode:--	A	Increase/decrease Knee mode relatively.		○	○
		\$KneeMode?	A	Confirm the current setting.		○	○
		\$KneeModes*	B	Reply of Knee mode. (*: one of D-RANGE, PRESS)		○	○
	SLOPE MASTER	\$KneeMPoint:++ \$KneeMPoint:--	A	Increase/decrease the position of knee point value relatively.	Range: 75~109	○	○
		\$KneeMPoint:=*	A	Order of the position of knee point value (absolute value)		○	○
		\$KneeMPoint?	A	Confirm the current setting.		○	○
		\$KneeMPoint:=*	B	Answer about the current position of knee point value.		○	○
SLOPE MASTER	SLOPE MASTER	\$KneeMSlope:++ \$KneeMSlope:--	A	Increase/decrease the knee inclination value relatively.	Range: 0~100	○	○
		\$KneeMSlope:=*	A	Order of the knee inclination value (absolute value)		○	○
		\$KneeMSlope?	A	Confirm the current setting.		○	○
		\$KneeMSlope:=*	B	Answer about the current knee inclination value.		○	○
White Clip	WHITE CLIP FUNCTION	\$WClip=On	A	Change to white clip function ON		○	○
		\$WClip=Off	A	Change to white clip function OFF		○	○
		\$WClip?	A	Query about white clip function On/Off		○	○
		\$WClip=On	B	Answer of white clip function ON		○	○
		\$WClip=Off	B	Answer of white clip function OFF		○	○
	LEVEL	\$WClipLv:++ \$WClipLv:--	A	Increase/decrease the white clip function level relatively.		○	○
		\$WClipLv:=*	A	Order of the white clip function level (absolute value)	Range: 90~109	○	○
		\$WClipLv?	A	Confirm the current setting.		○	○
		\$WClipLv:=*	B	Answer about the current white clip function level.		○	○
Color	COLOR SETTINGS	\$MainCol:=*	A	Select MAIN COLOR setting. (*: one of V-Log, SCENE1, SCENE2, SCENE3, SCENE4, SCENE5, SHADING)		○	○
		\$MainCol:++ \$MainCol:--	A	Increase/decrease the MAIN COLOR setting relatively.		○	○
		\$MainCol?	A	Confirm the current setting.		○	○
		\$MainCol:=*	B	Reply of MAIN COLOR setting (*: one of V-Log, SCENE1, SCENE2, SCENE3, SCENE4, SCENE5, SHADING)		○	○
	GRADING SELECT	\$GradingSel:=*	A	Select GRADING SEL setting. (*: one of Internal, ExternalApp, SHADING, OFF)		○	○
		\$GradingSel:++ \$GradingSel:--	A	Increase/decrease the GRADING SEL setting relatively.		○	○
		\$GradingSel?	A	Confirm the current setting.		○	○
		\$GradingSel:=*	B	Reply of GRADING SEL setting (*: one of Internal, ExternalApp, SHADING, OFF)		○	○



## Command List(for Varicam)

		SUB COLOR	\$SubCol:=*	A	Select SUB(PROXY) COLOR setting. (* : one of V-Log, GRADING, V-709, BAKED_IN)			O	-
			\$SubCol:=*	A	Increase/decrease the SUB(PROXY) COLOR setting relatively.			O	-
			\$SubCol?	A	Confirm the current setting.			O	-
			\$SubCol:*	B	Reply of SUB(PROXY) COLOR setting (* : one of V-Log, GRADING, V-709, SCENE1, SCENE2, SCENE3, SCENE4, SCENE5, BAKED_IN)			O	-
	SDI DETAIL	SW	\$SdDtlSw:=On	A	Change to detail function ON			O	-
			\$SdDtlSw:=Off	A	Change to detail function OFF			O	-
			\$SdDtlSw?	A	Query about detail function On/Off.			O	-
			\$SdDtlSw:=On	B	Answer of detail function ON			O	-
			\$SdDtlSw:=Off	B	Answer of detail function OFF			O	-
		CORING	\$SdDtlCor:=*	A	Order for coring amount for the detail signal. (absolute value)	Range: 0~15		O	-
			\$SdDtlCor:=*	A	Increase/decrease the coring amount for the detail signal value relatively.			O	-
			\$SdDtlCor?	A	Confirm the current setting.			O	-
			\$SdDtlCor:*	B	Answer about the current coring amount for the detail signal value.			O	-
		LEVEL	\$SdDtlLvl:=*	A	Order for the detail signal level. (absolute value)	Range: 0~15		O	-
			\$SdDtlLvl:=*	A	Increase/decrease the detail signal level relatively.			O	-
			\$SdDtlLvl?	A	Confirm the current setting.			O	-
			\$SdDtlLvl:=*	B	Answer about the current detail signal level.			O	-
3D LUT	3D LUT	\$3DLut:=*	\$3DLut:=*	A	Select 3DLUT setting. (* : one of Off, V-709, LoadedFile)			O	-
			\$3DLut:=*	A	Increase/decrease the 3DLUT setting relatively.			O	-
			\$3DLut?	A	Confirm the current setting.			O	-
			\$3DLut:*	B	Reply of 3DLUT setting (* : one of Off, V-709, LoadedFile)			O	-
CDL	CDL	CDL	\$CdL:=On	A	Change to CDL ON			O	-
			\$CdL:=Off	A	Change to CDL OFF			O	-
			\$CdL?	A	Query about CDL ON/OFF			O	-
			\$CdL:=On	B	Answer of CDL ON			O	-
			\$CdL:=Off	B	Answer of CDL OFF			O	-
		SLOPE-R	\$CdLSlopeR:=*	A	Increase/decrease the SLOPE R(CDL) Level value relatively.			O	-
			\$CdLSlopeR:=*	A	Order of the SLOPE R(CDL) Level value (absolute value)	Range: 0.50~2.00		O	-
			\$CdLSlopeR?	A	Confirm the current setting.			O	-
			\$CdLSlopeR:=*	B	Answer about the current SLOPE R(CDL) Level value.			O	-
		SLOPE-G	\$CdLSlopeG:=*	A	Increase/decrease the SLOPE G(CDL) Level value relatively.			O	-
			\$CdLSlopeG:=*	A	Order of the SLOPE G(CDL) Level value (absolute value)	Range: 0.50~2.00		O	-
			\$CdLSlopeG?	A	Confirm the current setting.			O	-
			\$CdLSlopeG:=*	B	Answer about the current SLOPE G(CDL) Level value.			O	-
		SLOPE-B	\$CdLSlopeB:=*	A	Increase/decrease the SLOPE B(CDL) Level value relatively.			O	-
			\$CdLSlopeB:=*	A	Order of the SLOPE B(CDL) Level value (absolute value)	Range: 0.50~2.00		O	-
			\$CdLSlopeB?	A	Confirm the current setting.			O	-
			\$CdLSlopeB:=*	B	Answer about the current SLOPE B(CDL) Level value.			O	-
		OFFSET-R	\$CdLOfsR:=*	A	Increase/decrease the OFFSET R(CDL) Level value relatively.			O	-
			\$CdLOfsR:=*	A	Order of the OFFSET R(CDL) Level value (absolute value)	Range: -0.50~0.50		O	-
			\$CdLOfsR?	A	Confirm the current setting.			O	-
			\$CdLOfsR:=*	B	Answer about the current OFFSET R(CDL) Level value.			O	-
		OFFSET-G	\$CdLOfsG:=*	A	Increase/decrease the OFFSET G(CDL) Level value relatively.			O	-
			\$CdLOfsG:=*	A	Order of the OFFSET G(CDL) Level value (absolute value)	Range: -0.50~0.50		O	-
			\$CdLOfsG?	A	Confirm the current setting.			O	-
			\$CdLOfsG:=*	B	Answer about the current OFFSET G(CDL) Level value.			O	-
		OFFSET-B	\$CdLOfsB:=*	A	Increase/decrease the OFFSET B(CDL) Level value relatively.			O	-
			\$CdLOfsB:=*	A	Order of the OFFSET B(CDL) Level value (absolute value)	Range: -0.50~0.50		O	-
			\$CdLOfsB?	A	Confirm the current setting.			O	-
			\$CdLOfsB:=*	B	Answer about the current OFFSET B(CDL) Level value.			O	-
		POWER-R	\$CdLPowR:=*	A	Increase/decrease the POWER R(CDL) Level value relatively.			O	-
			\$CdLPowR:=*	A	Order of the POWER R(CDL) Level value (absolute value)	Range: 0.50~2.00		O	-
			\$CdLPowR?	A	Confirm the current setting.			O	-
			\$CdLPowR:=*	B	Answer about the current POWER R(CDL) Level value.			O	-
		POWER-G	\$CdLPowG:=*	A	Increase/decrease the POWER G(CDL) Level value relatively.			O	-
			\$CdLPowG:=*	A	Order of the POWER G(CDL) Level value (absolute value)	Range: 0.50~2.00		O	-
			\$CdLPowG?	A	Confirm the current setting.			O	-
			\$CdLPowG:=*	B	Answer about the current POWER G(CDL) Level value.			O	-
		POWER-B	\$CdLPowB:=*	A	Increase/decrease the POWER B(CDL) Level value relatively.			O	-
			\$CdLPowB:=*	A	Order of the POWER B(CDL) Level value (absolute value)	Range: 0.50~2.00		O	-
			\$CdLPowB?	A	Confirm the current setting.			O	-
			\$CdLPowB:=*	B	Answer about the current POWER B(CDL) Level value.			O	-
		SATURATION	\$CdLSat:=*	A	Increase/decrease the SATURATION Level value relatively.			O	-
			\$CdLSat:=*	A	Order of the SATURATION Level value (absolute value)	Range: 0.00~2.00		O	-
			\$CdLSat?	A	Confirm the current setting.			O	-
			\$CdLSat:=*	B	Answer about the current SATURATION Level value.			O	-
OUTPUT	SDI OUT1	\$CoLOutput1:=*	\$CoLOutput1:=*	A	Select SDI1 output color setting. (* : one of V-Log, GRADING, V-709, BAKED_IN)			O	-
			\$CoLOutput1:=*	A	Increase/decrease the SDI1 output color setting relatively.			O	-
			\$CoLOutput1?	A	Confirm the current setting.			O	-
			\$CoLOutput1:=*	B	Reply of SDI1 output color setting (* : one of V-Log, GRADING, V-709, SCENE1, SCENE2, SCENE3, SCENE4, SCENE5, BAKED_IN, RAW)			O	-
		SDI OUT2	\$CoLOutput2:=*	A	Select SDI2 output color setting. (* : one of V-Log, GRADING, V-709, BAKED_IN)			O	-
			\$CoLOutput2:=*	A	Increase/decrease the SDI2 output color setting relatively.			O	-
			\$CoLOutput2?	A	Confirm the current setting.			O	-
			\$CoLOutput2:=*	B	Reply of SDI2 output color setting (* : one of V-Log, GRADING, V-709, SCENE1, SCENE2, SCENE3, SCENE4, SCENE5, BAKED_IN, RAW)			O	-
		VF SDI	\$CoLOutputVF:=*	A	Select VF SDI output color setting. (* : one of V-Log, GRADING, V-709, BAKED_IN)			O	-
			\$CoLOutputVF:=*	A	Increase/decrease the VF SDI output color setting relatively.			O	-
			\$CoLOutputVF?	A	Confirm the current setting.			O	-
			\$CoLOutputVF:=*	B	Reply of VF SDI output color setting (* : one of V-Log, GRADING, V-709, SCENE1, SCENE2, SCENE3, SCENE4, SCENE5, BAKED_IN, RAW)			O	-
WHITE	COLOR TEMPERATURE	WB	\$CoLTmp:=*	A	Increase/decrease the Color Temperature index relatively.			O	-
			\$CoLTmp:=*	A	Confirm the current setting.			O	-
			\$CoLTmp:=*	B	Answer about the current Color Temperature value.			O	-
			\$CoLTmp:=*	A	Increase/decrease the Color Temperature index relatively.			O	-
		WB(Temperature only)	\$CoLTmp:=*	A	Increase/decrease the Color Temperature index relatively.			O	-
			\$CoLTmp:=*	A	Confirm the current setting.			O	-
			\$CoLTmp:=*	B	Answer about the current Color Temperature value.			O	-
			\$CoLTmp:=*	A	Increase/decrease the Color Temperature index relatively.			O	-
		5600K SWITCH	\$5600KSw:=On	A	Change to 5600K Switch ON			O	-
			\$5600KSw:=Off	A	Change to 5600K Switch OFF			O	-
			\$5600KSw?	A	Query about 5600K Switch On/Off.			O	-
			\$5600KSw:=On	B	Answer of 5600K Switch ON			O	-
			\$5600KSw:=Off	B	Answer of 5600K Switch OFF			O	-
		SHOCKLESS WHITE	\$WBShkLessSpd:=*	A	Select SHOCKLESS WB SPEED. (* : one of 0, 1, 2, 3)			O	-

## Command List(for Varicam)

			\$WBShklesSpd++	A	Increase/decrease the SHOCKLESS WB SPEED relatively.		○	-
			\$WBShklesSpd--	A			○	-
			\$WBShklesSpd?	A	Confirm the current setting.		○	-
			\$WBShklesSpds*	B	Reply of SHOCKLESS WB SPEED (* : one of 0, 1, 2, 3)		○	-
	AUTO WHITE BALANCE(Awb)		\$AwbAct	A	Execute auto white balance.		○	○
	AUTO BLACK BALANCE(ABB)		\$AbbAct	A	Execute auto black balance.		○	○
	AWB		\$Awb?	A	Query for the AWB status.		○	○
			\$Awb*s	B	Answer AWB Status sNop Not in operation / sActive In process / sOk Process OK / sNg Process NG / sBreak Process BREAK / sAtw.mode Run AWB on ATW (auto tracking white balance) mode /		○	○
	AWB OFFSET SWITCH		\$AwbGainOfsSw=On	A	Change to AWB GAIN OFFSET Switch ON		○	-
			\$AwbGainOfsSw=Off	A	Change to AWB GAIN OFFSET Switch OFF		○	-
			\$AwbGainOfsSw?	A	Query about AWB GAIN OFFSET switch On/Off.		○	-
			\$AwbGainOfsSw=On	B	Answer of AWB GAIN OFFSET Switch ON		○	-
			\$AwbGainOfsSw=Off	B	Answer of AWB GAIN OFFSET Switch OFF		○	-
	GAIN	R GAIN	\$RGain=*	A	Order for R-channel gain. (absolute value)		○	-
			\$RGain++	A	Increase/decrease the R gain value relatively.		○	○
			\$RGain--	A			○	○
			\$RGain?	A	Confirm the current setting.		○	○
			\$RGain*s	B	Answer about the current R Gain value.		○	○
			\$RGainc	A	Ask about maximum/minimum value of R-channel gain.		○	○
			\$RGaini*s	B	Answer about maximum/minimum value of R-channel gain.		○	○
		G GAIN	\$GGain=*	A	Order for G-channel gain. (absolute value)		○	-
			\$GGain++	A	Increase/decrease the R gain value relatively.		○	-
			\$GGain--	A			○	-
			\$GGain?	A	Confirm the current setting.		○	-
			\$GGain*s	B	Answer about the current R Gain value.		○	-
			\$GGainc	A	Ask about maximum/minimum value of G-channel gain.		○	-
			\$GGaini*s	B	Answer about maximum/minimum value of G-channel gain.		○	-
		B GAIN	\$BGain=*	A	Order for B-channel gain. (absolute value)		○	-
			\$BGain++	A	Increase/decrease the B gain value relatively.		○	○
			\$BGain--	A			○	○
			\$BGain?	A	Confirm the current setting.		○	○
			\$BGain*s	B	Answer about the current R Gain value.		○	○
			\$BGainc	A	Ask about maximum/minimum value of B-channel gain.		○	○
			\$BGaini*s	B	Answer about maximum/minimum value of B-channel gain.		○	○
	BLACK	PEDESTAL	\$RPed=*	A	Order for R-channel Pedestal Level. (absolute value)		○	-
			\$RPed++	A	Increase/decrease the R Pedestal Level value relatively.		○	○
			\$RPed--	A			○	○
			\$RPed?	A	Confirm the current setting.		○	○
			\$RPed*s	B	Answer about the current R Pedestal Level		○	○
			\$RPedc	A	Ask about maximum/minimum value of R-channel Pedestal Level.		○	○
			\$RPedi*s	B	Answer about maximum/minimum value of R-channel Pedestal Level.		○	○
		G ch	\$GPed=*	A	Order for G-channel Pedestal Level. (absolute value)		○	-
			\$GPed++	A	Increase/decrease the G Pedestal Level value relatively.		○	-
			\$GPed--	A			○	-
			\$GPed?	A	Confirm the current setting.		○	-
			\$GPed*s	B	Answer about the current G Pedestal Level		○	-
			\$GPedc	A	Ask about maximum/minimum value of G-channel Pedestal Level.		○	-
			\$GPedi*s	B	Answer about maximum/minimum value of G-channel Pedestal Level.		○	-
		B ch	\$BPed=*	A	Order for B-channel Pedestal Level. (absolute value)		○	-
			\$BPed++	A	Increase/decrease the B Pedestal Level value relatively.		○	○
			\$BPed--	A			○	○
			\$BPed?	A	Confirm the current setting.		○	○
			\$BPed*s	B	Answer about the current B Pedestal Level		○	○
			\$BPedc	A	Ask about maximum/minimum value of B-channel Pedestal Level.		○	○
			\$BPedi*s	B	Answer about maximum/minimum value of B-channel Pedestal Level.		○	○
		MASTER	\$MPed=*	A	Order for Master Pedestal Level. (absolute value)		○	○
			\$MPed?	A	Confirm the current setting.		○	○
			\$MPed*s	B	Answer for Master Pedestal Level. (absolute value)		○	○
			\$MPedc	A	Ask about maximum/minimum value of Master Pedestal Level.		○	○
			\$MPedi*s	B	Answer about maximum/minimum value of Master Pedestal Level.		○	○
	ABB		\$Abb?	A	Query for the ABB status.		○	○
			\$Abb*s	B	Answer ABB Status sNop Not in operation / sActive In process / sOk Process OK / sNg Process NG /		○	○
	ABB OFFSET SWITCH		\$AbbGainOfsSw=On	A	Change to ABB GAIN OFFSET Switch ON		○	-
			\$AbbGainOfsSw=Off	A	Change to ABB GAIN OFFSET Switch OFF		○	-
			\$AbbGainOfsSw?	A	Query about ABB GAIN OFFSET switch On/Off.		○	-
			\$AbbGainOfsSw=On	B	Answer of ABB GAIN OFFSET Switch ON		○	-
			\$AbbGainOfsSw=Off	B	Answer of ABB GAIN OFFSET Switch OFF		○	-
	SHUTTER	SHUTTER	\$ShtSw=On	A	Change to Shutter ON		○	○
			\$ShtSw=Off	A	Change to Shutter OFF		○	○
			\$ShtSw?	A	Query about shutter On/Off.		○	-
			\$ShtSw=On	B	Answer of Shutter ON		○	-
			\$ShtSw=Off	B	Answer of Shutter OFF		○	-
		SEC	\$ShtSec=*	A	Increase/decrease the Shutter(Sec) index relatively.		○	-
			\$ShtSec--	A			○	-
			\$ShtSec?	A	Confirm the current setting.		○	-
			\$ShtSec*s	B	Answer about the current Shutter(Sec) value.		○	-
		DEG	\$ShtDeg=*	A	Increase/decrease the Shutter(Deg) index relatively.		○	-
			\$ShtDeg--	A			○	-
			\$ShtDeg?	A	Confirm the current setting.		○	-
			\$ShtDeg*s	B	Answer about the current Shutter(Deg) value.		○	-
		FIX	\$ShtFix=*	A	Increase/decrease the Fixed Shutter speed relatively.		-	-
			\$ShtFix--	A			-	-
			\$ShtFixc	A	Ask about maximum/minimum value of Fixed Shutter speed.		-	-
			\$ShtFixi*s	B	Answer about maximum/minimum value of Fixed Shutter speed.		-	-
		SYNCHRO SCAN	\$ShtSync=*	A	Increase/decrease the Syncro Scan parameter relatively.		-	-
			\$ShtSync--	A			-	-
			\$ShtSync?	A	Ask about maximum/minimum value of Syncro Scan parameter.		-	-
			\$ShtSynci*s	B	Answer about maximum/minimum value of Syncro Scan parameter.		-	-
		Common Step	\$ShtStep=*	A	Increase/decrease the Shutter step index relatively.		-	-
			\$ShtStep--	A			-	-
			\$ShtStep?	A	Ask about maximum/minimum value of Shutter step index.		-	-
			\$ShtStepi*s	B	Answer about maximum/minimum value of Shutter step index.		-	-
			\$ShtDsp=*	A	Select Shutter Unit(*: one of Sec, Deg, Per)		○	○
			\$ShtDsp++	A	Increase/decrease the Shutter Unit relatively.		○	-
			\$ShtDsp--	A			○	-
			\$ShtDsp?	A	Confirm the current setting.		○	○
			\$ShtDsp*s	B	Reply of Shutter Unit(*: one of Sec, Deg, Per)		○	○
	NR	NR	\$Nrlso800=On	A	Change to noise reduction for ISO800 ON		○	-
			\$Nrlso800=Off	A	Change to noise reduction for ISO800 OFF		○	-
			\$Nrlso800?	A	Query about noise reduction for ISO800 On/Off.		○	-
			\$Nrlso800=On	B	Answer of noise reduction for ISO800 ON		○	-
			\$Nrlso800=Off	B	Answer of noise reduction for ISO800 OFF		○	-
		NR	\$Nrlso5000=On	A	Change to noise reduction for ISO5000 ON		○	-
			\$Nrlso5000=Off	A	Change to noise reduction for ISO5000 OFF		○	-
			\$Nrlso5000?	A	Query about noise reduction for ISO5000 On/Off.		○	-
			\$Nrlso5000=On	B	Answer of noise reduction for ISO5000 ON		○	-
			\$Nrlso5000=Off	B	Answer of noise reduction for ISO5000 OFF		○	-
	GAMMA	GAMMA	\$GamMode=*	A	Select Gamma Mode setting. (*: one of V-709, V-406080, V-452080L, VIDEO45, VIDEO50, V-Log, BCGAM)		○	-
			\$GamMode++	A	Increase/decrease the Gamma Mode setting relatively.		○	-
			\$GamMode--	A			○	-
			\$GamMode?	A	Confirm the current setting.		○	-
			\$GamMode*s	B	Reply of Gamma Mode setting (*: one of V-709, V-406080, V-452080L, VIDEO45, VIDEO50, V-Log, BCGAM)		○	-
		MASTER GAMMA	\$MGam=*	A	Increase/decrease the Master Gamma Level value relatively.		○	-
			\$MGam--	A	Order of the Master Gamma Level value (absolute value)	Range: 0.150~0.750 (0.002step)	○	-
			\$MGam?	A	Confirm the current setting.		○	-
			\$MGam*s	B	Answer about the current Master Gamma Level value.		○	-
		MASTER GAMMA (SHADING)	\$ShdMGam=*	A	Increase/decrease the Master Gamma Level value of SHADING Mode relatively.		○	-
			\$ShdMGam--	A	Order of the Master Gamma Level value of SHADING Mode (absolute value)	Range: -50~50	○	-
			\$ShdMGam?	A	Confirm the current setting.		○	-
			\$ShdMGam*s	B	Answer about the current Master Gamma Level value of SHADING Mode.		○	-

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		R GAMMA	\$RGam+*	A	Increase/decrease the R Gamma Level value relatively.			○	-
			\$RGam-*	A	Decrease/decrease the R Gamma Level value relatively.			○	-
			\$RGam=?	A	Order of the R Gamma Level value (absolute value)	Range: -75~75		○	-
			\$RGam?	A	Confirm the current setting.			○	-
			\$RGams*	B	Answer about the current R Gamma Level value.			○	-
			\$BGam+*	A	Increase/decrease the B Gamma Level value relatively.			○	-
		B GAMMA	\$BGam-*	A	Decrease/decrease the B Gamma Level value relatively.			○	-
			\$BGam=?	A	Order of the B Gamma Level value (absolute value)	Range: -75~75		○	-
			\$BGam?	A	Confirm the current setting.			○	-
			\$BGsams*	B	Answer about the current B Gamma Level value.			○	-
			\$BLkGam=On	A	Change to Black Gamma ON			○	-
			\$BLkGam=Off	A	Change to Black Gamma OFF			○	-
BLACK GAMMA	BLACK GAMMA	BLACK GAMMA SW	\$BLkGam?	A	Query about Black Gamma On/Off			○	-
			\$BLkGamsOn	B	Answer of Black Gamma ON			○	-
			\$BLkGamsOff	B	Answer of Black Gamma OFF			○	-
		BLACK MASTER GAMMA	\$MBlkGam+*	A	Increase/decrease the Black Master Gamma Level value relatively.			○	-
			\$MBlkGam-*	A	Decrease/decrease the Black Master Gamma Level value relatively.			○	-
			\$MBlkGam=?	A	Order of the Black Master Gamma Level value (absolute value)	Range: -48~48		○	-
			\$MBlkGam?	A	Confirm the current setting.			○	-
			\$MBlkGsams*	B	Answer about the current Black Master Gamma Level value.			○	-
		BLACK R GAMMA	\$RBLkGam+*	A	Increase/decrease the Black R Gamma Level value relatively.			○	-
			\$RBLkGam-*	A	Decrease/decrease the Black R Gamma Level value relatively.			○	-
			\$RBLkGam=?	A	Order of the Black R Gamma Level value (absolute value)	Range: -20~20		○	-
			\$RBLkGam?	A	Confirm the current setting.			○	-
			\$RBLkGsams*	B	Answer about the current Black R Gamma Level value.			○	-
		BLACK B GAMMA	\$BBLkGam+*	A	Increase/decrease the Black B Gamma Level value relatively.			○	-
			\$BBLkGam-*	A	Decrease/decrease the Black B Gamma Level value relatively.			○	-
			\$BBLkGam=?	A	Order of the Black B Gamma Level value (absolute value)	Range: -20~20		○	-
			\$BBLkGam?	A	Confirm the current setting.			○	-
			\$BBLkGsams*	B	Answer about the current Black B Gamma Level value.			○	-
LENS	LENS SETTING	CONNECT TYPE	\$LensOnctType=*	A	Select type of lens to be connected. (*: one of EF, LDS, B4, Cooke-I, OFF)			○	-
			\$LensOnctType+*	A	Increase/decrease the type of lens to be connected relatively.			○	-
			\$LensOnctType-*	A	Decrease/decrease the type of lens to be connected relatively.			○	-
			\$LensOnctType?	A	Confirm the current setting.			○	-
			\$LensOnctTypes*	B	Reply of type of lens to be connected (*: one of EF, LDS, B4, Cooke-I, OFF)			○	-
		EF LENS IRIS MODE	\$IrsModeEFLens=*	A	Select the operation of the iris. (*: one of MANUAL, AUTO)			○	-
			\$IrsModeEFLens+*	A	Increase/decrease the the operation of the iris relatively.			○	-
			\$IrsModeEFLens-*	A	Decrease/decrease the the operation of the iris relatively.			○	-
			\$IrsModeEFLens?	A	Confirm the current setting.			○	-
			\$IrsModeEFLenss*	B	Reply of the operation of the iris (*: one of MANUAL, AUTO)			○	-
		GRIP IRIS	\$IrsGrip=*	A	Select the turning direction of the <IRIS> dial and the iris control of the grip module. (*: one of RIGHT, OPEN, LEFT, OPEN)			○	-
			\$IrsGrip+*	A	Increase/decrease the the turning direction of the <IRIS> dial and the iris control of the grip module relatively.			○	-
			\$IrsGrip-*	A	Decrease/decrease the the turning direction of the <IRIS> dial and the iris control of the grip module relatively.			○	-
			\$IrsGrip?	A	Confirm the current setting.			○	-
			\$IrsGrips*	B	Reply of the turning direction of the <IRIS> dial and the iris control of the grip module (*: one of RIGHT, OPEN, LEFT, OPEN)			○	-
		IRIS	CONTROL	\$Irs+*	A	Increase/decrease the direct position of Iris		○	-
				\$Irs-*	A	Decrease/decrease the direct position of Iris		○	-
				\$Irs=?	A	Control the direct position of Iris (absolute value) *000/VR	Range: 0~10000	○	○
				\$Irs?	A	Query about the current Iris set value.		○	○
				\$Irs*	A	Answer about the current absolute controlled value.		○	○
				\$Irs*	A	Ask about the maximum/minimum value of Iris		○	○
			IRIS CLOSE SW	\$Irs*+*	A	Answer about the maximum/minimum value of Iris		○	○
				\$IrsCIsSw=On	A	Change to Iris close ON		○	○
				\$IrsCIsSw=Off	A	Change to Iris close OFF		○	○
				\$IrsCIsSw?	A	Query about Iris close On/Off		○	○
				\$IrsCIsSw=On	B	Reply of Iris close On		○	○
				\$IrsCIsSw=Off	B	Reply of Iris close Off		○	○
			F/T Number	\$IrsValue?	A	Query about the current Iris value.	Range: 1.0~22.0 or CLOSE or OPEN	○	-
				\$IrsType?	A	Query about the current Iris F/T-number type.	T or F	○	-
		A.IRIS	SW	\$AIrsSw=On	A	Change to Auto Iris ON		○	○
				\$AIrsSw=Off	A	Change to Auto Iris OFF		○	○
				\$AIrsSw?	A	Query about Auto Iris On/Off		○	○
				\$AIrsSw=On	B	Reply of Auto Iris On		○	○
				\$AIrsSw=Off	B	Reply of Auto Iris Off		○	○
				\$AIrsGain=*	A	Select location to control the speed of the auto iris. (*: one of LENS, CAM)		○	-
			TYPE	\$IrsGain+*	A	Increase/decrease the location to control the speed of the auto iris relatively.		○	-
				\$IrsGain-*	A	Decrease/decrease the location to control the speed of the auto iris relatively.		○	-
				\$IrsGain?	A	Confirm the current setting.		○	-
				\$IrsGains*	B	Reply of location to control the speed of the auto iris (*: one of LENS, CAM)		○	-
				\$IrsSpd=*	A	Order for speed of the auto iris (absolute value)	Range: 1~20	○	-
				\$IrsSpd+*	A	Increase/decrease the speed of the auto iris relatively.		○	-
				\$IrsSpd-*	A	Decrease/decrease the speed of the auto iris relatively.		○	-
				\$IrsSpd?	A	Confirm the current setting.		○	-
				\$IrsSpds*	B	Answer about the current speed of the auto iris.		○	-
			LEVEL EFFECT	\$AIrsLvEf=*	A	Order for target value during auto iris operation (absolute value)	Range: 0~100	○	-
				\$AIrsLvEf+*	A	Increase/decrease the target value during auto iris operation relatively.		○	-
				\$AIrsLvEf-*	A	Decrease/decrease the target value during auto iris operation relatively.		○	-
				\$AIrsLvEf?	A	Confirm the current setting.		○	-
				\$AIrsLvEfs*	B	Answer about the current target value during auto iris operation.		○	-
				\$AIrsWind=*	A	Select the auto iris detection window. (*: one of NORMAL1, NORMAL2, CENTER)		○	-
			WINDOW	\$AIrsWind+*	A	Increase/decrease the the auto iris detection window relatively.		○	-
				\$AIrsWind-*	A	Decrease/decrease the the auto iris detection window relatively.		○	-
				\$AIrsWind?	A	Confirm the current setting.		○	-
				\$AIrsWinds*	B	Reply of the auto iris detection window (*: one of NORMAL1, NORMAL2, CENTER)		○	-
				\$AIrsPAve=*	A	Order for the ratio included in the peak for auto iris standard (absolute value)	Range: 0~100	○	-
				\$AIrsPAve+*	A	Increase/decrease the the ratio included in the peak for auto iris standard relatively.		○	-
				\$AIrsPAve-*	A	Decrease/decrease the the ratio included in the peak for auto iris standard relatively.		○	-
				\$AIrsPAve?	A	Confirm the current setting.		○	-
				\$AIrsPAves*	B	Answer about the current the ratio included in the peak for auto iris standard.		○	-
			LEVEL	\$AIrsLv+*	A	Increase/decrease the target direct position of Auto Iris		○	-
				\$AIrsLv-*	A	Decrease/decrease the target direct position of Auto Iris		○	-
				\$AIrsLv=?	A	Order of the target direct position of Auto Iris (absolute value)		○	○
				\$AIrsLv?	A	Query about the target direct position of Auto Iris		○	○
				\$AIrsLv*	B	Answer the target direct position of Auto Iris (absolute value)		○	○
				\$AIrsLv*	A	Ask about the maximum/minimum value of the target of Auto Iris		○	○
Filter	FILTER	ND FILTER	\$Ndfil?	A	Query for the ND Filter Position			○	○
			\$Ndfils*	B	Answer about the current ND Filter Position (*0 ~ 14:Valid position, 15:NG position, 0x80:Not support)			○	○
		CC FILTER	\$Ccfil?	A	Query for the CC Filter Position			○	○
			\$Ccfils*	B	Answer about the current CC Filter Position (*0 ~ 14:Valid position, 15:NG position, 0x80:Not support)			○	○
MATRIX/COLOR CORRECTION	MATRIX/COLOR CORRECTION	SWITCH	\$MMtrxSw=On	A	Change to permission to use linear matrix and color correction ON			○	-
			\$MMtrxSw=Off	A	Change to permission to use linear matrix and color correction OFF			○	-
			\$MMtrxSw?	A	Query about permission to use linear matrix and color correction On/Off			○	-
			\$MMtrxSw=On	B	Reply of permission to use linear matrix and color correction On			○	-
			\$MMtrxSw=Off	B	Reply of permission to use linear matrix and color correction Off			○	-
			\$MMtrxSw?	B	Reply of permission to use linear matrix and color correction On/Off			○	-
Matrix	MATRIX	SWITCH	\$MtrxBtl=On	A	Change to MATRIX TBL ON	for HRP200 (sama as \$LNMtrxSw)		○	○
			\$MtrxBtl=Off	A	Change to MATRIX TBL OFF	for HRP200 (sama as \$LNMtrxSw)		○	○
			\$MtrxBtl?	A	Query about MATRIX TBL On/Off	for HRP200 (sama as \$LNMtrxSw)		○	○
			\$MtrxBtl=On	B	Reply of MATRIX TBL On	for HRP200 (sama as \$LNMtrxSw)		○	○
			\$MtrxBtl=Off	B	Reply of MATRIX TBL Off	for HRP200 (sama as \$LNMtrxSw)		○	○
			\$MtrxBtl?	B	Reply of MATRIX TBL On/Off	for HRP200 (sama as \$LNMtrxSw)		○	○

## Command List(for Varicam)

LINEAR MATRIX	LINEAR MATRIX	SWITCH	\$LNMTxSw:=On	A	Change to matrix function ON			O	-
			\$LNMTxSw:=Off	A	Change to matrix function OFF			O	-
			\$LNMTxSw?	A	Query about matrix function On/Off			O	-
			\$LNMTxSw:=On	B	Reply of matrix function On			O	-
			\$LNMTxSw:=Off	B	Reply of matrix function Off			O	-
		R-G(N)	\$LNMTxRG:=	A	Order for the adjusted value (absolute value)	Range: -127~127		O	-
			\$LNMTxRG:++	A	Increase/decrease the adjusted value relatively.			O	-
			\$LNMTxRG:--	A				O	-
			\$LNMTxRG?	A	Confirm the current setting.			O	-
			\$LNMTxRG:s*	B	Answer about the current adjusted value .			O	-
		R-G(P)	\$LNMTxRG P:=	A	Order for the adjusted value (absolute value)	Range: -127~127		O	-
			\$LNMTxRG P:++	A	Increase/decrease the adjusted value relatively.			O	-
			\$LNMTxRG P:--	A				O	-
			\$LNMTxRG P?	A	Confirm the current setting.			O	-
			\$LNMTxRG P:s*	B	Answer about the current adjusted value .			O	-
		R-B(N)	\$LNMTxRB:=	A	Order for the adjusted value (absolute value)	Range: -127~127		O	-
			\$LNMTxRB:++	A	Increase/decrease the adjusted value relatively.			O	-
			\$LNMTxRB:--	A				O	-
			\$LNMTxRB?	A	Confirm the current setting.			O	-
			\$LNMTxRB:s*	B	Answer about the current adjusted value .			O	-
		R-B(P)	\$LNMTxRB P:=	A	Order for the adjusted value (absolute value)	Range: -127~127		O	-
			\$LNMTxRB P:++	A	Increase/decrease the adjusted value relatively.			O	-
			\$LNMTxRB P:--	A				O	-
			\$LNMTxRB P?	A	Confirm the current setting.			O	-
			\$LNMTxRB P:s*	B	Answer about the current adjusted value .			O	-
		G-R(N)	\$LNMTxGR:=	A	Order for the adjusted value (absolute value)	Range: -127~127		O	-
			\$LNMTxGR:++	A	Increase/decrease the adjusted value relatively.			O	-
			\$LNMTxGR:--	A				O	-
			\$LNMTxGR?	A	Confirm the current setting.			O	-
			\$LNMTxGR:s*	B	Answer about the current adjusted value .			O	-
		G-R(P)	\$LNMTxGR P:=	A	Order for the adjusted value (absolute value)	Range: -127~127		O	-
			\$LNMTxGR P:++	A	Increase/decrease the adjusted value relatively.			O	-
			\$LNMTxGR P:--	A				O	-
			\$LNMTxGR P?	A	Confirm the current setting.			O	-
			\$LNMTxGR P:s*	B	Answer about the current adjusted value .			O	-
		G-B(N)	\$LNMTxGB:=	A	Order for the adjusted value (absolute value)	Range: -127~127		O	-
			\$LNMTxGB:++	A	Increase/decrease the adjusted value relatively.			O	-
			\$LNMTxGB:--	A				O	-
			\$LNMTxGB?	A	Confirm the current setting.			O	-
			\$LNMTxGB:s*	B	Answer about the current adjusted value .			O	-
		G-B(P)	\$LNMTxGB P:=	A	Order for the adjusted value (absolute value)	Range: -127~127		O	-
			\$LNMTxGB P:++	A	Increase/decrease the adjusted value relatively.			O	-
			\$LNMTxGB P:--	A				O	-
			\$LNMTxGB P?	A	Confirm the current setting.			O	-
			\$LNMTxGB P:s*	B	Answer about the current adjusted value .			O	-
		B-R(N)	\$LNMTxBR:=	A	Order for the adjusted value (absolute value)	Range: -127~127		O	-
			\$LNMTxBR:++	A	Increase/decrease the adjusted value relatively.			O	-
			\$LNMTxBR:--	A				O	-
			\$LNMTxBR?	A	Confirm the current setting.			O	-
			\$LNMTxBR:s*	B	Answer about the current adjusted value .			O	-
		B-R(P)	\$LNMTxBR P:=	A	Order for the adjusted value (absolute value)	Range: -127~127		O	-
			\$LNMTxBR P:++	A	Increase/decrease the adjusted value relatively.			O	-
			\$LNMTxBR P:--	A				O	-
			\$LNMTxBR P?	A	Confirm the current setting.			O	-
			\$LNMTxBR P:s*	B	Answer about the current adjusted value .			O	-
		B-G(N)	\$LNMTxBG:=	A	Order for the adjusted value (absolute value)	Range: -127~127		O	-
			\$LNMTxBG:++	A	Increase/decrease the adjusted value relatively.			O	-
			\$LNMTxBG:--	A				O	-
			\$LNMTxBG?	A	Confirm the current setting.			O	-
			\$LNMTxBG:s*	B	Answer about the current adjusted value .			O	-
		B-G(P)	\$LNMTxBG P:=	A	Order for the adjusted value (absolute value)	Range: -127~127		O	-
			\$LNMTxBG P:++	A	Increase/decrease the adjusted value relatively.			O	-
			\$LNMTxBG P:--	A				O	-
			\$LNMTxBG P?	A	Confirm the current setting.			O	-
			\$LNMTxBG P:s*	B	Answer about the current adjusted value .			O	-
COLOR CORRECTION	COLOR CORRECTION	SWITCH	\$ColCorreSw:=On	A	Change to color correction function ON			O	-
			\$ColCorreSw:=Off	A	Change to color correction function OFF			O	-
			\$ColCorreSw?	A	Query about color correction function On/Off			O	-
			\$ColCorreSw:=On	B	Reply of color correction function On			O	-
			\$ColCorreSw:=Off	B	Reply of color correction function Off			O	-
		R(SAT)	\$ColCorreRSat:=	A	Order for the adjusted value (absolute value)	Range: -63~63		O	-
			\$ColCorreRSat:++	A	Increase/decrease the adjusted value relatively.			O	-
			\$ColCorreRSat:--	A				O	-
			\$ColCorreRSat?	A	Confirm the current setting.			O	-
			\$ColCorreRSat:s*	B	Answer about the current adjusted value .			O	-
		R(PHASE)	\$ColCorreRPh:=	A	Order for the adjusted value (absolute value)	Range: -63~63		O	-
			\$ColCorreRPh:++	A	Increase/decrease the adjusted value relatively.			O	-
			\$ColCorreRPh:--	A				O	-
			\$ColCorreRPh?	A	Confirm the current setting.			O	-
			\$ColCorreRPh:s*	B	Answer about the current adjusted value .			O	-
		P1(SAT)	\$ColCorreY1RSat:=	A	Order for the adjusted value (absolute value)	Range: -63~63		O	-
			\$ColCorreY1RSat:++	A	Increase/decrease the adjusted value relatively.			O	-
			\$ColCorreY1RSat:--	A				O	-
			\$ColCorreY1RSat?	A	Confirm the current setting.			O	-
			\$ColCorreY1RSat:s*	B	Answer about the current adjusted value .			O	-
		P1(PHASE)	\$ColCorreY1RPh:=	A	Order for the adjusted value (absolute value)	Range: -63~63		O	-
			\$ColCorreY1RPh:++	A	Increase/decrease the adjusted value relatively.			O	-
			\$ColCorreY1RPh:--	A				O	-
			\$ColCorreY1RPh?	A	Confirm the current setting.			O	-
			\$ColCorreY1RPh:s*	B	Answer about the current adjusted value .			O	-
		P2(SAT)	\$ColCorreY2RSat:=	A	Order for the adjusted value (absolute value)	Range: -63~63		O	-
			\$ColCorreY2RSat:++	A	Increase/decrease the adjusted value relatively.			O	-
			\$ColCorreY2RSat:--	A				O	-
			\$ColCorreY2RSat?	A	Confirm the current setting.			O	-
			\$ColCorreY2RSat:s*	B	Answer about the current adjusted value .			O	-
		P2(PHASE)	\$ColCorreY2RPh:=	A	Order for the adjusted value (absolute value)	Range: -63~63		O	-
			\$ColCorreY2RPh:++	A	Increase/decrease the adjusted value relatively.			O	-
			\$ColCorreY2RPh:--	A				O	-
			\$ColCorreY2RPh?	A	Confirm the current setting.			O	-
			\$ColCorreY2RPh:s*	B	Answer about the current adjusted value .			O	-
		P3(SAT)	\$ColCorreY3RSat:=	A	Order for the adjusted value (absolute value)	Range: -63~63		O	-
			\$ColCorreY3RSat:++	A	Increase/decrease the adjusted value relatively.			O	-
			\$ColCorreY3RSat:--	A				O	-
			\$ColCorreY3RSat?	A	Confirm the current setting.			O	-
			\$ColCorreY3RSat:s*	B	Answer about the current adjusted value .			O	-
		P3(PHASE)	\$ColCorreY3RPh:=	A	Order for the adjusted value (absolute value)	Range: -63~63		O	-
			\$ColCorreY3RPh:++	A	Increase/decrease the adjusted value relatively.			O	-
			\$ColCorreY3RPh:--	A				O	-
			\$ColCorreY3RPh?	A	Confirm the current setting.			O	-
			\$ColCorreY3RPh:s*	B	Answer about the current adjusted value .			O	-
		Y1(SAT)	\$ColCorreY1Sat:=	A	Order for the adjusted value (absolute value)	Range: -63~63		O	-
			\$ColCorreY1Sat:++	A	Increase/decrease the adjusted value relatively.			O	-
			\$ColCorreY1Sat:--	A				O	-
			\$ColCorreY1Sat?	A	Confirm the current setting.			O	-
			\$ColCorreY1Sat:s*	B	Answer about the current adjusted value .			O	-
		Y1(PHASE)	\$ColCorreY1Ph:=	A	Order for the adjusted value (absolute value)	Range: -63~63		O	-
			\$ColCorreY1Ph:++	A	Increase/decrease the adjusted value relatively.			O	-
			\$ColCorreY1Ph:--	A				O	-
			\$ColCorreY1Ph?	A	Confirm the current setting.			O	-
			\$ColCorreY1Ph:s*	A	Confirm the current setting.			O	-

	\$ColCorreYIPhs*	B	Answer about the current adjusted value .			O	-
P4(SAT)	\$ColCorreGYIYSat:=	A	Order for the adjusted value .(absolute value)	Range: -63~63		O	-
	\$ColCorreGYIYSat:+	A	Increase/decrease the adjusted value relatively.			O	-
	\$ColCorreGYIYSat:-	A	Confirm the current setting.			O	-
	\$ColCorreGYIYSat?	A	Confirm the current setting.			O	-
	\$ColCorreGYIYSats*	B	Answer about the current adjusted value .			O	-
P4(PHASE)	\$ColCorreGYIYPH:=	A	Order for the adjusted value .(absolute value)	Range: -63~63		O	-
	\$ColCorreGYIYPH:+	A	Increase/decrease the adjusted value relatively.			O	-
	\$ColCorreGYIYPH:-	A	Confirm the current setting.			O	-
	\$ColCorreGYIYPH?	A	Confirm the current setting.			O	-
	\$ColCorreGYIYPHS*	B	Answer about the current adjusted value .			O	-
P5(SAT)	\$ColCorreGYSat:=	A	Order for the adjusted value .(absolute value)	Range: -63~63		O	-
	\$ColCorreGYSat:+	A	Increase/decrease the adjusted value relatively.			O	-
	\$ColCorreGYSat:-	A	Confirm the current setting.			O	-
	\$ColCorreGYSat?	A	Confirm the current setting.			O	-
	\$ColCorreGYSats*	B	Answer about the current adjusted value .			O	-
P5(PHASE)	\$ColCorreGYPh:=	A	Order for the adjusted value .(absolute value)	Range: -63~63		O	-
	\$ColCorreGYPh:+	A	Increase/decrease the adjusted value relatively.			O	-
	\$ColCorreGYPh:-	A	Confirm the current setting.			O	-
	\$ColCorreGYPh?	A	Confirm the current setting.			O	-
	\$ColCorreGYPHs*	B	Answer about the current adjusted value .			O	-
P6(SAT)	\$ColCorreGGVYSat:=	A	Order for the adjusted value .(absolute value)	Range: -63~63		O	-
	\$ColCorreGGVYSat:+	A	Increase/decrease the adjusted value relatively.			O	-
	\$ColCorreGGVYSat:-	A	Confirm the current setting.			O	-
	\$ColCorreGGVYSat?	A	Confirm the current setting.			O	-
	\$ColCorreGGVYSats*	B	Answer about the current adjusted value .			O	-
P6(PHASE)	\$ColCorreGGVYPh:=	A	Order for the adjusted value .(absolute value)	Range: -63~63		O	-
	\$ColCorreGGVYPh:+	A	Increase/decrease the adjusted value relatively.			O	-
	\$ColCorreGGVYPh:-	A	Confirm the current setting.			O	-
	\$ColCorreGGVYPh?	A	Confirm the current setting.			O	-
	\$ColCorreGGVYPHS*	B	Answer about the current adjusted value .			O	-
G(SAT)	\$ColCorreGSat:=	A	Order for the adjusted value .(absolute value)	Range: -63~63		O	-
	\$ColCorreGSat:+	A	Increase/decrease the adjusted value relatively.			O	-
	\$ColCorreGSat:-	A	Confirm the current setting.			O	-
	\$ColCorreGSat?	A	Confirm the current setting.			O	-
	\$ColCorreGSats*	B	Answer about the current adjusted value .			O	-
G(PHASE)	\$ColCorreGPh:=	A	Order for the adjusted value .(absolute value)	Range: -63~63		O	-
	\$ColCorreGPh:+	A	Increase/decrease the adjusted value relatively.			O	-
	\$ColCorreGPh:-	A	Confirm the current setting.			O	-
	\$ColCorreGPh?	A	Confirm the current setting.			O	-
	\$ColCorreGPHS*	B	Answer about the current adjusted value .			O	-
P7(SAT)	\$ColCorreCyGGSat:=	A	Order for the adjusted value .(absolute value)	Range: -63~63		O	-
	\$ColCorreCyGGSat:+	A	Increase/decrease the adjusted value relatively.			O	-
	\$ColCorreCyGGSat:-	A	Confirm the current setting.			O	-
	\$ColCorreCyGGSat?	A	Confirm the current setting.			O	-
	\$ColCorreCyGGSats*	B	Answer about the current adjusted value .			O	-
P7(PHASE)	\$ColCorreCyGGPh:=	A	Order for the adjusted value .(absolute value)	Range: -63~63		O	-
	\$ColCorreCyGGPh:+	A	Increase/decrease the adjusted value relatively.			O	-
	\$ColCorreCyGGPh:-	A	Confirm the current setting.			O	-
	\$ColCorreCyGGPh?	A	Confirm the current setting.			O	-
	\$ColCorreCyGGPHs*	B	Answer about the current adjusted value .			O	-
P8(SAT)	\$ColCorreCyGSat:=	A	Order for the adjusted value .(absolute value)	Range: -63~63		O	-
	\$ColCorreCyGSat:+	A	Increase/decrease the adjusted value relatively.			O	-
	\$ColCorreCyGSat:-	A	Confirm the current setting.			O	-
	\$ColCorreCyGSat?	A	Confirm the current setting.			O	-
	\$ColCorreCyGSats*	B	Answer about the current adjusted value .			O	-
P8(PHASE)	\$ColCorreCyGPh:=	A	Order for the adjusted value .(absolute value)	Range: -63~63		O	-
	\$ColCorreCyGPh:+	A	Increase/decrease the adjusted value relatively.			O	-
	\$ColCorreCyGPh:-	A	Confirm the current setting.			O	-
	\$ColCorreCyGPh?	A	Confirm the current setting.			O	-
	\$ColCorreCyGPHs*	B	Answer about the current adjusted value .			O	-
P9(SAT)	\$ColCorreCyCyGSat:=	A	Order for the adjusted value .(absolute value)	Range: -63~63		O	-
	\$ColCorreCyCyGSat:+	A	Increase/decrease the adjusted value relatively.			O	-
	\$ColCorreCyCyGSat:-	A	Confirm the current setting.			O	-
	\$ColCorreCyCyGSat?	A	Confirm the current setting.			O	-
	\$ColCorreCyCyGSats*	B	Answer about the current adjusted value .			O	-
P9(PHASE)	\$ColCorreCyCyGPh:=	A	Order for the adjusted value .(absolute value)	Range: -63~63		O	-
	\$ColCorreCyCyGPh:+	A	Increase/decrease the adjusted value relatively.			O	-
	\$ColCorreCyCyGPh:-	A	Confirm the current setting.			O	-
	\$ColCorreCyCyGPh?	A	Confirm the current setting.			O	-
	\$ColCorreCyCyGPHs*	B	Answer about the current adjusted value .				

## Command List(for Varicam)

			\$ColCorreBPh:++	A	Increase/decrease the adjusted value relatively.			○	-
			\$ColCorreBPh:--	A	Increase/decrease the adjusted value relatively.			○	-
			\$ColCorreBPh?	A	Confirm the current setting.			○	-
			\$ColCorreBPhs*	B	Answer about the current adjusted value .			○	-
	P13(SAT)		\$ColCorreMeBBSat:=*	A	Order for the adjusted value (absolute value)	Range: -63~63		○	-
			\$ColCorreMeBBSat:++	A	Increase/decrease the adjusted value relatively.			○	-
			\$ColCorreMeBBSat:--	A	Increase/decrease the adjusted value relatively.			○	-
			\$ColCorreMeBBSat?	A	Confirm the current setting.			○	-
			\$ColCorreMeBBSats*	B	Answer about the current adjusted value .			○	-
	P13(PHASE)		\$ColCorreMeBBPh:=*	A	Order for the adjusted value (absolute value)	Range: -63~63		○	-
			\$ColCorreMeBBPh:++	A	Increase/decrease the adjusted value relatively.			○	-
			\$ColCorreMeBBPh:--	A	Increase/decrease the adjusted value relatively.			○	-
			\$ColCorreMeBBPh?	A	Confirm the current setting.			○	-
			\$ColCorreMeBBPhs*	B	Answer about the current adjusted value .			○	-
	P14(SAT)		\$ColCorreMeBSat:=*	A	Order for the adjusted value (absolute value)	Range: -63~63		○	-
			\$ColCorreMeBSat:++	A	Increase/decrease the adjusted value relatively.			○	-
			\$ColCorreMeBSat:--	A	Increase/decrease the adjusted value relatively.			○	-
			\$ColCorreMeBSat?	A	Confirm the current setting.			○	-
			\$ColCorreMeBSats*	B	Answer about the current adjusted value .			○	-
	P14(PHASE)		\$ColCorreMeBPh:=*	A	Order for the adjusted value (absolute value)	Range: -63~63		○	-
			\$ColCorreMeBPh:++	A	Increase/decrease the adjusted value relatively.			○	-
			\$ColCorreMeBPh:--	A	Increase/decrease the adjusted value relatively.			○	-
			\$ColCorreMeBPh?	A	Confirm the current setting.			○	-
			\$ColCorreMeBPhs*	B	Answer about the current adjusted value .			○	-
	P15(SAT)		\$ColCorreMeBSat:=*	A	Order for the adjusted value (absolute value)	Range: -63~63		○	-
			\$ColCorreMeBSat:++	A	Increase/decrease the adjusted value relatively.			○	-
			\$ColCorreMeBSat:--	A	Increase/decrease the adjusted value relatively.			○	-
			\$ColCorreMeBSat?	A	Confirm the current setting.			○	-
			\$ColCorreMeBSats*	B	Answer about the current adjusted value .			○	-
	P15(PHASE)		\$ColCorreMeBBPh:=*	A	Order for the adjusted value (absolute value)	Range: -63~63		○	-
			\$ColCorreMeBBPh:++	A	Increase/decrease the adjusted value relatively.			○	-
			\$ColCorreMeBBPh:--	A	Increase/decrease the adjusted value relatively.			○	-
			\$ColCorreMeBBPh?	A	Confirm the current setting.			○	-
			\$ColCorreMeBBPhs*	B	Answer about the current adjusted value .			○	-
	Me(SAT)		\$ColCorreMeSat:=*	A	Order for the adjusted value (absolute value)	Range: -63~63		○	-
			\$ColCorreMeSat:++	A	Increase/decrease the adjusted value relatively.			○	-
			\$ColCorreMeSat:--	A	Increase/decrease the adjusted value relatively.			○	-
			\$ColCorreMeSat?	A	Confirm the current setting.			○	-
			\$ColCorreMeSats*	B	Answer about the current adjusted value .			○	-
	Me(PHASE)		\$ColCorreMePh:=*	A	Order for the adjusted value (absolute value)	Range: -63~63		○	-
			\$ColCorreMePh:++	A	Increase/decrease the adjusted value relatively.			○	-
			\$ColCorreMePh:--	A	Increase/decrease the adjusted value relatively.			○	-
			\$ColCorreMePh?	A	Confirm the current setting.			○	-
			\$ColCorreMePhs*	B	Answer about the current adjusted value .			○	-
	P16(SAT)		\$ColCorreRMgBSat:=*	A	Order for the adjusted value (absolute value)	Range: -63~63		○	-
			\$ColCorreRMgBSat:++	A	Increase/decrease the adjusted value relatively.			○	-
			\$ColCorreRMgBSat:--	A	Increase/decrease the adjusted value relatively.			○	-
			\$ColCorreRMgBSat?	A	Confirm the current setting.			○	-
			\$ColCorreRMgBSats*	B	Answer about the current adjusted value .			○	-
	P16(PHASE)		\$ColCorreRMgBPh:=*	A	Order for the adjusted value (absolute value)	Range: -63~63		○	-
			\$ColCorreRMgBPh:++	A	Increase/decrease the adjusted value relatively.			○	-
			\$ColCorreRMgBPh:--	A	Increase/decrease the adjusted value relatively.			○	-
			\$ColCorreRMgBPh?	A	Confirm the current setting.			○	-
			\$ColCorreRMgBPhs*	B	Answer about the current adjusted value .			○	-
	P17(SAT)		\$ColCorreRMgBSat:=*	A	Order for the adjusted value (absolute value)	Range: -63~63		○	-
			\$ColCorreRMgBSat:++	A	Increase/decrease the adjusted value relatively.			○	-
			\$ColCorreRMgBSat:--	A	Increase/decrease the adjusted value relatively.			○	-
			\$ColCorreRMgBSat?	A	Confirm the current setting.			○	-
			\$ColCorreRMgBSats*	B	Answer about the current adjusted value .			○	-
	P17(PHASE)		\$ColCorreRMgBPh:=*	A	Order for the adjusted value (absolute value)	Range: -63~63		○	-
			\$ColCorreRMgBPh:++	A	Increase/decrease the adjusted value relatively.			○	-
			\$ColCorreRMgBPh:--	A	Increase/decrease the adjusted value relatively.			○	-
			\$ColCorreRMgBPh?	A	Confirm the current setting.			○	-
			\$ColCorreRMgBPhs*	B	Answer about the current adjusted value .			○	-
	P18(SAT)		\$ColCorreRRMgBSat:=*	A	Order for the adjusted value (absolute value)	Range: -63~63		○	-
			\$ColCorreRRMgBSat:++	A	Increase/decrease the adjusted value relatively.			○	-
			\$ColCorreRRMgBSat:--	A	Increase/decrease the adjusted value relatively.			○	-
			\$ColCorreRRMgBSat?	A	Confirm the current setting.			○	-
			\$ColCorreRRMgBSats*	B	Answer about the current adjusted value .			○	-
	P18(PHASE)		\$ColCorreRRMgBPh:=*	A	Order for the adjusted value (absolute value)	Range: -63~63		○	-
			\$ColCorreRRMgBPh:++	A	Increase/decrease the adjusted value relatively.			○	-
			\$ColCorreRRMgBPh:--	A	Increase/decrease the adjusted value relatively.			○	-
			\$ColCorreRRMgBPh?	A	Confirm the current setting.			○	-
			\$ColCorreRRMgBPhs*	B	Answer about the current adjusted value .			○	-
DETAIL	DETAIL	SWITCH	\$DtlSw:=On	A	Change to Detail ON			○	○
			\$DtlSw:=Off	A	Change to Detail OFF			○	○
			\$DtlSw?	A	Query about Detail On/Off.			○	○
			\$DtlSw:=On	B	Reply of Detail On			○	○
			\$DtlSw:=Off	B	Reply of Detail Off			○	○
			\$DtlSw?	B	Reply of Detail On/Off.			○	○
		CORING	\$DtlCor:=*	A	Order for coring amount for the detail signal (absolute value)	Range: 0~60		○	-
			\$DtlCor:++	A	Increase/decrease the coring amount for the detail signal value relatively.			○	-
			\$DtlCor:--	A	Increase/decrease the coring amount for the detail signal value relatively.			○	-
			\$DtlCor?	A	Confirm the current setting.			○	-
			\$DtlCor*s	B	Answer about the current coring amount for the detail signal value .			○	-
		FREQUENCY	\$DtlFreq:=*	A	Order for coring amount for the detail signal (absolute value)	Range: 1~3		○	-
			\$DtlFreq:++	A	Increase/decrease the coring amount for the thickness of the detail relatively.			○	-
			\$DtlFreq:--	A	Increase/decrease the coring amount for the thickness of the detail relatively.			○	-
			\$DtlFreq?	A	Confirm the current setting.			○	-
			\$DtlFreq*s	B	Answer about the current coring amount for the thickness of the detail .			○	-
	MASTER DETAIL		\$MDtl:=*	A	Order for Master Detail Level. (absolute value)			○	○
			\$MDtl:++	A	Increase/decrease the Master Detail Level relatively.			○	-
			\$MDtl:--	A	Increase/decrease the Master Detail Level relatively.			○	-
			\$MDtl?	A	Confirm the current setting.			○	○
			\$MDtl*s	B	Answer about the current Master Detail Level.			○	○
	SKIN TONE DETAIL	SWITCH	\$SkinDtlSw?	A	Change to Skin Detail ON			○	○
			\$SkinDtlSw:=On	A	Change to Skin Detail ON			○	○
			\$SkinDtlSw:=Off	A	Change to Skin Detail OFF			○	○
			\$SkinDtlSw:=On	B	Query about Skin Detail On/Off.			○	○
			\$SkinDtlSw:=Off	B	Query about Skin Detail On/Off.			○	○
			\$SkinDtlSw?	B	Reply of Skin Detail On			○	○
			\$SkinDtlSw*s	B	Reply of Skin Detail Off			○	○
		TABLE SELECT	\$SkinEf:=*	A	Select table for the skin tone detail (*: one of A, B, C, A+B, A+C, B+C, A+B+C)			○	-
			\$SkinEf:++	A	Increase/decrease the table for the skin tone detail relatively.			○	-
			\$SkinEf:--	A	Increase/decrease the table for the skin tone detail relatively.			○	-
			\$SkinEf?	A	Confirm the current setting.			○	-
			\$SkinEf*s	B	Reply of table for the skin tone detail (*: one of A, B, C, A+B, A+C, B+C, A+B+C)			○	-
		GET	\$SkinGetAct	A	Execute register the screen center color as the color by which the skin tone detail is applied.			○	-
		ZEBRA SWITCH	\$SkinDtlZebraSw?	A	Query about superimpose the zebra signal On/Off.			○	-
			\$SkinDtlZebraSw:=On	A	Change to superimpose the zebra signal ON			○	-
			\$SkinDtlZebraSw:=Off	A	Change to superimpose the zebra signal OFF			○	-
			\$SkinDtlZebraSw:=On	B	Reply of superimpose the zebra signal On			○	-
			\$SkinDtlZebraSw:=Off	B	Reply of superimpose the zebra signal Off			○	-
		EFFECT LEVEL	\$SkinELv:=*	A	Order for the effective level (absolute value)	Range: 0~31		○	-
			\$SkinELv:++	A	Increase/decrease the effective level relatively.			○	-
			\$SkinELv:--	A	Increase/decrease the effective level relatively.			○	-
			\$SkinELv?	A	Confirm the current setting.			○	-
			\$SkinELv*s	B	Answer about the current effective level .			○	-
		DETECT TABLE	\$SkinDtlSel:=*	A	Select skin tone table of the subject (*: one of A, B, C)			○	-

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		I CENTER	\$SkinDtlSel=+	A	Increase/decrease the skin tone table of the subject relatively.			○	-
			\$SkinDtlSel=-	A	Decrease/increase the skin tone table of the subject relatively.			○	-
			\$SkinDtlSel?	A	Confirm the current setting.			○	-
			\$SkinDtlSel=s*	B	Reply of skin tone table of the subject (*: one of A, B, C)			○	-
			\$SkinDtlC=	A	Order for the center position of the upper I axis. (absolute value)	Range: 0~255		○	-
			\$SkinDtlC=+	A	Increase/decrease the center position of the upper I axis relatively.			○	-
			\$SkinDtlC=-	A	Decrease/increase the center position of the upper I axis relatively.			○	-
			\$SkinDtlC?	A	Confirm the current setting.			○	-
			\$SkinDtlC=s*	B	Answer about the current center position of the upper I axis.			○	-
		I WIDTH	\$SkinDtlWid=	A	Order for width of the area that displays the skin tone of the upper I axis. (absolute value)	Range: 0~255		○	-
			\$SkinDtlWid=+	A	Increase/decrease width of the area that displays the skin tone of the upper I axis relatively.			○	-
			\$SkinDtlWid=-	A	Decrease/increase width of the area that displays the skin tone of the upper I axis relatively.			○	-
			\$SkinDtlWid?	A	Confirm the current setting.			○	-
		Q WIDTH	\$SkinDtlQWid=	A	Order for the width of the area that displays the skin tone of the upper Q axis. (absolute value)	Range: 0~127		○	-
			\$SkinDtlQWid=+	A	Increase/decrease the width of the area that displays the skin tone of the upper Q axis relatively.			○	-
			\$SkinDtlQWid=-	A	Decrease/increase the width of the area that displays the skin tone of the upper Q axis relatively.			○	-
			\$SkinDtlQWid?	A	Confirm the current setting.			○	-
		Q PHASE	\$SkinDtlQPh=	A	Order for the phase of the area that displays the skin tone regarding to the Q axis. (absolute value)	Range: 0~255		○	-
			\$SkinDtlQPh=+	A	Increase/decrease the phase of the area that displays the skin tone regarding to the Q axis relatively.			○	-
			\$SkinDtlQPh=-	A	Decrease/increase the phase of the area that displays the skin tone regarding to the Q axis relatively.			○	-
			\$SkinDtlQPh?	A	Confirm the current setting.			○	-
CHROMA	CHROMA	LEVEL	\$ChroLv=	A	Order for the chroma level of PR and PB signals. (absolute value)	Range: -99~99		○	-
			\$ChroLv=+	A	Increase/decrease the chroma level of PR and PB signals relatively.			○	-
			\$ChroLv=-	A	Decrease/increase the chroma level of PR and PB signals relatively.			○	-
			\$ChroLv?	A	Confirm the current setting.			○	-
		PHASE	\$ChroLv=s*	B	Answer about the current chroma level of PR and PB signals.			○	-
			\$ChroPh=	A	Order for the chroma phase of PR and PB signals. (absolute value)	Range: -31~31		○	-
			\$ChroPh=+	A	Increase/decrease the chroma phase of PR and PB signals relatively.			○	-
			\$ChroPh=-	A	Decrease/increase the chroma phase of PR and PB signals relatively.			○	-
			\$ChroPh?	A	Confirm the current setting.			○	-
			\$ChroPh=s*	B	Answer about the current chroma phase of PR and PB signals.			○	-
FLARE	FLARE	R, ch	\$RFlr=+	A	Increase/decrease the R Flare Level value relatively.			○	○
			\$RFlr=-	A	Decrease/increase the R Flare Level value relatively.			○	○
			\$RFlr?	A	Confirm the current setting.			○	○
			\$RFlr=s*	B	Answer about the current R Flare Level value.			○	○
		G, ch	\$GFlr=+	A	Increase/decrease the G Flare Level value relatively.			○	○
			\$GFlr=-	A	Decrease/increase the G Flare Level value relatively.			○	○
			\$GFlr?	A	Confirm the current setting.			○	○
			\$GFlr=s*	B	Answer about the current G Flare Level value.			○	○
		B, ch	\$BFlr=+	A	Increase/decrease the B Flare Level value relatively.			○	○
			\$BFlr=-	A	Decrease/increase the B Flare Level value relatively.			○	○
			\$BFlr?	A	Confirm the current setting.			○	○
			\$BFlr=s*	B	Answer about the current B Flare Level value.			○	○
LENS	EXTENDER	CONTROL	\$Extnd?	A	Query about Extender.			○	○
Display	DIGITAL EXTENDER		\$Extnd=s*	B	Reply of Extender (*: one of 0.8, 1.0, 2.0)			○	○
			\$DExtnd?	A	Query about Digital Extender On/Off.			○	○
			\$DExtnd=On	B	Reply of Digital Extender ON			○	○
Output	TEST SAW		\$DExtnd=Off	B	Reply of Digital Extender OFF			○	○
			\$TTestSawSw=On	A	Change to TEST SAW ON			-	-
			\$TTestSawSw=Off	A	Change to TEST SAW OFF			-	-
			\$TTestSawSw?	A	Query about TEST SAW SW On/Off.			-	-
			\$TTestSawSwsOn	B	Reply of TEST SAW SW ON			-	-
			\$TTestSawSwsOff	B	Reply of TEST SAW SW OFF			-	-
System	System	VFR	\$Vfr=On	A	Select a User File.			○	○
			\$Vfr=Off	A	Change to Variable Frame rate ON	Current value can be acquired by UDP		○	○
			\$Vfr?	A	Query about Variable Frame rate ON/OFF			○	○
			\$Vfr=OnOff	A	Order of toggle control about Variable Frame rate ON/OFF			○	○
			\$Vfr=On	B	Answer of Variable Frame rate ON			○	○
			\$Vfr=Off	B	Answer of Variable Frame rate OFF			○	○
		FRAME RATE	\$FrameRate=+	A	Increase/decrease the Variable Frame rate value relatively.			○	○
			\$FrameRate=-	A	Decrease/increase the Variable Frame rate value relatively.			○	○
			\$FrameRate?	A	Confirm the current setting.			○	-
			\$FrameRate=s*	B	Answer about the current Variable Frame rate value.			○	-
		SYSTEM MODE	\$SysFormMode?	A	Query for the current system settings(main pixel and frequency).			○	-
			\$SysFormMode=s*	B	Answer about the current system settings(main pixel and frequency).			○	-
		VERSION INFO	\$CamSRVer?	A	Query about the current camera software version.			○	-
			\$CamSRVers*	B	Answer about the current camera software version.			○	-
		FAN SPEED	\$FanContMode=	A	Select the rotation speed of the fan. (*: one of REC.AUTO, MATCH.CODEC, ALWAYS.FULL, REHEARSAL)			○	-
			\$FanContMode=+	A	Increase/decrease the rotation speed of the fan relatively.			○	-
			\$FanContMode=-	A	Decrease/increase the rotation speed of the fan relatively.			○	-
			\$FanContMode?	A	Confirm the current setting.			○	-
			\$FanContMode=s*	B	Reply of rotation speed of the fan. (*: one of REC.AUTO, MATCH.CODEC, ALWAYS.FULL, REHEARSAL)			○	-
			\$FanContMode=s*	B	Answer about the current fan rotation speed.			○	-
	SETTINGS	STATUS1	\$VariCamSta1?	A	Query for the current settings.	See VaricamStatus Map.		○	-
			\$VariCamSta1=s*	B	Answer about the current settings.			○	-
		STATUS2	\$VariCamSta2?	A	Query for the current settings.	Encode information of 64 bytes into hexadecimal character string and acquire information expressed by ASCII character string 128 characters.		○	-
			\$VariCamSta2=s*	B	Answer about the current settings.			○	-
		STATUS3	\$VariCamSta3?	A	Query for the current settings.			○	-
			\$VariCamSta3=s*	B	Answer about the current settings.			○	-
		STATUS4	\$VariCamSta4?	A	Query for the current settings.			○	-
			\$VariCamSta4=s*	B	Answer about the current settings.			○	-
		[Notification]	\$NoticeStatus=Start,my_port=	A	Notify when the information of VariCamSta 1 to 4 is updated to the port number specified by \$my.port.			○	-
			\$NoticeStatus=Stop	A	Stop update notification of VariCamSta.			○	-
			\$NoticeNumber?	A	Query for number of notification registered.			○	-
			\$NoticeNumbers*	A	Answer about number of notification registered.			○	-
EI	EI	EI Mode	\$EIMode=+	A	Increase/decrease the EI Mode relatively.			○	-
			\$EIMode=-	A	Decrease/increase the EI Mode relatively.			○	-
			\$EIMode?	A	Select EI Mode (*: one of ISO, dB)			○	-
			\$EIMode=s*	B	Confirm the current setting.			○	-
		ISO Mode	\$EIIsoMode=+	A	Reply of EI Mode (*: one of ISO, dB)			○	-
			\$EIIsoMode=-	A	Increase/decrease the EI ISO Mode relatively.			○	-
			\$EIIsoMode?	A	Select EI ISO Mode (*: one of Native, 800BASE, 5000BASE)	Parameter specification is different from EVA 1		○	-
			\$EIIsoMode=s*	B	Confirm the current setting.			○	-
		GAIN Mode	\$EIGainMode=	A	Reply of EI Mode (*: one of Native, 800BASE, 5000BASE)			○	-
			\$EIGainMode=+	A	Select EI GAIN Mode (*: one of NORMAL, HIGH)			○	-
			\$EIGainMode=-	A	Increase/decrease the EI GAIN Mode relatively.			○	-
			\$EIGainMode?	A	Confirm the current setting.			○	-
		EI(GAIN)	\$EIGainMode?	A	Reply of EI GAIN Mode (*: one of NORMAL, HIGH)			○	-
			\$EIGainMode=s*	B	Confirm the current setting.			○	-
			\$EIGain=	A	Order for EI gain. (absolute value)	Range: -12~24		○	-
			\$EIGain=+	A	Increase/decrease the EI gain value relatively.			○	-
			\$EIGain=-	A	Decrease/increase the EI gain value relatively.			○	-

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			\$EiGain?	A	Confirm the current setting.			○	-
			\$EiGain:s*	B	Answer about the current EI Gain value.			○	-
GAIN OFFSET SW			\$EiGainOfsSw=On	A	Change to EI Gain offset ON			○	-
			\$EiGainOfsSw=Off	A	Change to EI Gain offset OFF			○	-
			\$EiGainOfsSw?	A	Query about EI Gain offset On/Off.			○	-
			\$EiGainOfsSw=On	B	Answer of EI Gain offset ON			○	-
			\$EiGainOfsSw=Off	B	Answer of EI Gain offset OFF			○	-
			\$EiGainOfsSw?	B	Answer of EI Gain offset			○	-
GAIN OFFSET LEVEL			\$EiGainOfsLv=*	A	Increase/decrease the fine adjustment level Level value relatively.			○	-
			\$EiGainOfsLv=*	A	Order of the fine adjustment level Level value (absolute)	Range: 0.0~0.9		○	-
			\$EiGainOfsLv?	A	Confirm the current setting.			○	-
			\$EiGainOfsLv:s*	B	Answer about the current fine adjustment level Level value.			○	-
			\$ACH1Lv=*	A	Increase/decrease the recording level adjustment method for audio channel 1 is to be automatic or manual relatively.			○	-
			\$ACH1Lv=*	A	Select recording level adjustment method for audio channel 1 is to be automatic or manual (* : one of AUTO, MANUAL)			○	-
AUDIO	AUDIO LEVEL	CH1 LEVEL	\$ACH1Lv?	A	Confirm the current setting.			○	-
			\$ACH1Lv:s*	B	Reply of recording level adjustment method for audio channel 1 is to be automatic or manual (* : one of AUTO, MANUAL)			○	-
		CH2 LEVEL	\$ACH2Lv=*	A	Increase/decrease the recording level adjustment method for audio channel 2 is to be automatic or manual relatively.			○	-
			\$ACH2Lv=*	A	Select recording level adjustment method for audio channel 2 is to be automatic or manual (* : one of AUTO, MANUAL)			○	-
			\$ACH2Lv?	A	Confirm the current setting.			○	-
			\$ACH2Lv:s*	B	Reply of recording level adjustment method for audio channel 2 is to be automatic or manual (* : one of AUTO, MANUAL)			○	-
		CH3 LEVEL	\$ACH3Lv=*	A	Increase/decrease the recording level adjustment method for audio channel 3 is to be automatic or manual relatively.			○	-
			\$ACH3Lv=*	A	Select recording level adjustment method for audio channel 3 is to be automatic or manual (* : one of AUTO, MANUAL)			○	-
			\$ACH3Lv?	A	Confirm the current setting.			○	-
			\$ACH3Lv:s*	B	Reply of recording level adjustment method for audio channel 3 is to be automatic or manual (* : one of AUTO, MANUAL)			○	-
		CH4 LEVEL	\$ACH4Lv=*	A	Increase/decrease the recording level adjustment method for audio channel 4 is to be automatic or manual relatively.			○	-
			\$ACH4Lv=*	A	Select recording level adjustment method for audio channel 4 is to be automatic or manual (* : one of AUTO, MANUAL)			○	-
			\$ACH4Lv?	A	Confirm the current setting.			○	-
			\$ACH4Lv:s*	B	Reply of recording level adjustment method for audio channel 4 is to be automatic or manual (* : one of AUTO, MANUAL)			○	-
		CH1 VOLUME	\$ACH1Vol=*	A	Increase/decrease the recording level adjustment method relatively.			○	-
			\$ACH1Vol=*	A	Order of the recording level adjustment method (absolute value)	Range: 0~100		○	-
			\$ACH1Vol?	A	Confirm the current setting.			○	-
			\$ACH1Vol:s*	B	Answer about the current recording level adjustment.			○	-
		CH2 VOLUME	\$ACH2Vol=*	A	Increase/decrease the recording level adjustment method relatively.			○	-
			\$ACH2Vol=*	A	Order of the recording level adjustment method (absolute value)	Range: 0~100		○	-
			\$ACH2Vol?	A	Confirm the current setting.			○	-
			\$ACH2Vol:s*	B	Answer about the current recording level adjustment.			○	-
		CH3 VOLUME	\$ACH3Vol=*	A	Increase/decrease the recording level adjustment method relatively.			○	-
			\$ACH3Vol=*	A	Order of the recording level adjustment method (absolute value)	Range: 0~100		○	-
			\$ACH3Vol?	A	Confirm the current setting.			○	-
			\$ACH3Vol:s*	B	Answer about the current recording level adjustment.			○	-
		CH4 VOLUME	\$ACH4Vol=*	A	Increase/decrease the recording level adjustment method relatively.			○	-
			\$ACH4Vol=*	A	Order of the recording level adjustment method (absolute value)	Range: 0~100		○	-
			\$ACH4Vol?	A	Confirm the current setting.			○	-
			\$ACH4Vol:s*	B	Answer about the current recording level adjustment.			○	-
		CH1 LIMITER	\$ACH1Limit=On	A	Change to limiter ON			○	-
			\$ACH1Limit=Off	A	Change to limiter OFF			○	-
			\$ACH1Limit?	A	Query about limiter On/Off.			○	-
			\$ACH1Limit=On	B	Answer of limiter ON			○	-
		CH2 LIMITER	\$ACH2Limit=On	A	Change to limiter ON			○	-
			\$ACH2Limit=Off	A	Change to limiter OFF			○	-
			\$ACH2Limit?	A	Query about limiter On/Off.			○	-
			\$ACH2Limit=On	B	Answer of limiter ON			○	-
		CH3 LIMITER	\$ACH3Limit=On	A	Change to limiter ON			○	-
			\$ACH3Limit=Off	A	Change to limiter OFF			○	-
			\$ACH3Limit?	A	Query about limiter On/Off.			○	-
			\$ACH3Limit=On	B	Answer of limiter ON			○	-
		CH4 LIMITER	\$ACH4Limit=On	A	Change to limiter ON			○	-
			\$ACH4Limit=Off	A	Change to limiter OFF			○	-
			\$ACH4Limit?	A	Query about limiter On/Off.			○	-
			\$ACH4Limit=On	B	Answer of limiter ON			○	-
		AUDIO OUTPUT	\$AMonCh=*	A	Increase/decrease the audio channel to be output from the <PHONES> terminal relatively.			○	-
		MONITOR CH	\$AMonCh=*	A	Select audio channel to be output from the <PHONES> terminal			○	-
			\$AMonCh?	A	Confirm the current setting.			○	-
			\$AMonCh:s*	B	Reply of audio channel to be output from the <PHONES> terminal (* : one of CH1/2, CH3/4)			○	-
		MONITOR SEL	\$AMonCh=*	A	Increase/decrease the audio format (mono, stereo, mix) to be output from the <PHONES> terminal (* : one of MONO, CH1, MONO, CH2, STEREO, CH1/2, MIX, CH1/2, MONO, CH3, MONO, CH4, STEREO, CH3/4, MIX, CH3/4)			○	-
			\$AMonCh=*	A	Select audio format (mono, stereo, mix) to be output from the <PHONES> terminal (* : one of MONO, CH1, MONO, CH2, STEREO, CH1/2, MIX, CH1/2, MONO, CH3, MONO, CH4, STEREO, CH3/4, MIX, CH3/4)			○	-
			\$AMonCh?	A	Confirm the current setting.			○	-
			\$AMonCh:s*	B	Reply of audio format (mono, stereo, mix) to be output from the <PHONES> terminal (* : one of MONO, CH1, MONO, CH2, STEREO, CH1/2, MIX, CH1/2, MONO, CH3, MONO, CH4, STEREO, CH3/4, MIX, CH3/4)			○	-
		MONITOR DELAY	\$AMonDelay=On	A	Change to delay the audio from the <PHONES> terminal to match the monitor output ON			○	-
			\$AMonDelay=Off	A	Change to delay the audio from the <PHONES> terminal to match the monitor output OFF			○	-
			\$AMonDelay?	A	Ask about delay the audio from the <PHONES> terminal to match the monitor output On/Off			○	-
			\$AMonDelaysOn	B	Answer of delay the audio from the <PHONES> terminal to match the monitor output ON			○	-
			\$AMonDelaysOff	B	Answer of delay the audio from the <PHONES> terminal to match the monitor output OFF			○	-



Command List(for Varicam)

Display	MENU	MONITOR VOLUME	\$AMonVol+*	A	Increase/decrease the level of audio to be output from the <PHONES> terminal relatively.		○	-
			\$AMonVol=*	A	Order of the level of audio to be output from the <PHONES> terminal (absolute value)	Range: 0~100	○	-
			\$AMonVol?	A	Confirm the current setting.		○	-
			\$AMonVols*	B	Answer about the current level of audio to be output from the <PHONES> terminal.		○	-
		SET	\$MenuSett	A	Set Operation of Camera Menu or Enter to lower menu.	SET	○	○
		EXIT	\$MenuBakt	A	Back the camera menu to upper layer	EXIT	○	○
		MENU CW	\$MenuCwrt	A	Move the menu up / right / in a clockwise direction		○	○
		MENU CCW	\$MenuCwrt	A	Move the menu down / left / in a counter clockwise		○	○
		MENU SW	\$Menu=On	A	Change to Camera Menu Display ON		○	○
			\$Menu=Off	A	Change to Camera Menu Display OFF		○	○
			\$Menu=OnOff	A	Order of toggle control about Camera Menu Display		○	○
			\$Menu?	A	Query about camera menu display On/Off.		○	○
			\$Menu=On	B	Answer of Camera Menu Display ON		○	○
			\$Menu=Off	B	Answer of Camera Menu Display OFF		○	○

## VariCamSts1

VariCamSts1																			
Address	7	6	5	4	3	2	1	0	Remarks										
00 00h	Call			GTlySw	RTlySw	BarSw	Char	Menu											
01 01h	AwbGainOfsSw		AbbGainOfsSw	AIrsSw	IrsClsSw	DtlSw	SkinDtlSw	ShtSw		KneeCont									
02 02h	IrsType	EiGainOfsSw	WClip	BlkGam	SkinDtlZebraSw	MMtrxSw	LNMtrxSw	ColCorreSw											
03 03h																			
04 04h																			
05 05h													ACh1Limit	ACh2Limit	ACh3Limit	ACh4Limit	AMonDelay		
06 06h										EiMode	Cdl	Nrlso800	Nrlso5000	SdiDtlSw	5600KSw	Vfr			
07 07h																			
08 08h																			
09 09h																			
10 0Ah																			
11 0Bh										Awb									
12 0Ch										Abb									
13 0Dh										CTmp									
14 0Eh																			
15 0Fh										NdFil									
16 10h										CcFil									
17 11h	Irs																		
18 12h																			
19 13h	MGain																		
20 14h																			
21 15h	ShtDsp																		
22 16h	ShtSec									1/24.1 → 0x001801, 1/8000 → 0x1F4000									
23 17h																			
24 18h																			
25 19h	ShtDeg									1.0 → 0x000100, 358.0 → 0x016600									
26 1Ah																			
27 1Bh																			
28 1Ch	RGain																		
29 1Dh																			
30 1Eh	GGain																		
31 1Fh																			
32 20h	BGain																		
33 21h																			
34 22h	MPed																		
35 23h	RPed																		
36 24h	GPed																		
37 25h	BPed																		
38 26h	RFlr																		
39 27h	GFlr																		
40 28h	BFlr																		
41 29h	MDtl																		
42 2Ah	IrsValue																		
43 2Bh																			
44 2Ch	AIrsLv																		
45 2Dh																			
46 2Eh																			
47 2Fh																			
48 30h																			
49 31h																			
50 32h	FrameRate																		
51 33h	MainCol																		
52 34h	MGam									0.750 → 0xB71B0									
53 35h																			
54 36h	KneeMSlope																		
55 37h	SkinEFLv																		
56 38h	ChroLv																		
57 39h	ShdMGam																		
58 3Ah																			
59 3Bh																			
60 3Ch																			
61 3Dh																			
62 3Eh	MedSt																		
63 3Fh	Alarm																		

### Varicam Status Map

VariCamSts2

Address	7	6	5	4	3	2	1	0	Remarks
00 00h	CColTmp								ASCII string ex.) A15000+10.0
01 01h									
02 02h									
03 03h									
04 04h									
05 05h									
06 06h									
07 07h									
08 08h									
09 09h									
10 0Ah									
11 0Bh									
12 0Ch									
13 0Dh									
14 0Eh									
15 0Fh									
16 10h									
17 11h									
18 12h									
19 13h									
20 14h	WBSHklesSpd								
21 15h									
22 16h	EiIsoMode								
23 17h	NativeIso								
24 18h	800BaseIso								
25 19h									
26 1Ah	5000BaseIso								
27 1Bh									
28 1Ch	EiGainMode								
29 1Dh									
30 1Eh	EiGain								
31 1Fh	EiGainOfsLv								
32 20h	GamMode								
33 21h	RGam								
34 22h	GGam								
35 23h	BGam								
36 24h	RBlkGam								
37 25h	MBlkGam								
38 26h	BBlkGam								
39 27h	KneeMode								
40 28h	KneeMPoint								
41 29h	WClipLv								
42 2Ah	DtlCor								
43 2Bh	DtlFreq								
44 2Ch	SkinEf								
45 2Dh	SkinDtlSel								
46 2Eh	SkinDtlIC								
47 2Fh	SkinDtlIWid								
48 30h	SkinDtlQWid								
49 31h	SkinDtlQPh								
50 32h	ChroPh								
51 33h	IrsGain								
52 34h	IrsSpd								
53 35h	AIrsWind								
54 36h	AIrsPAve								
55 37h	IrsModeEftLens								
56 38h	IrsGrip								
57 39h									
58 3Ah	AIrsLvEf								
59 3Bh									
60 3Ch									
61 3Dh									
62 3Eh									
63 3Fh									



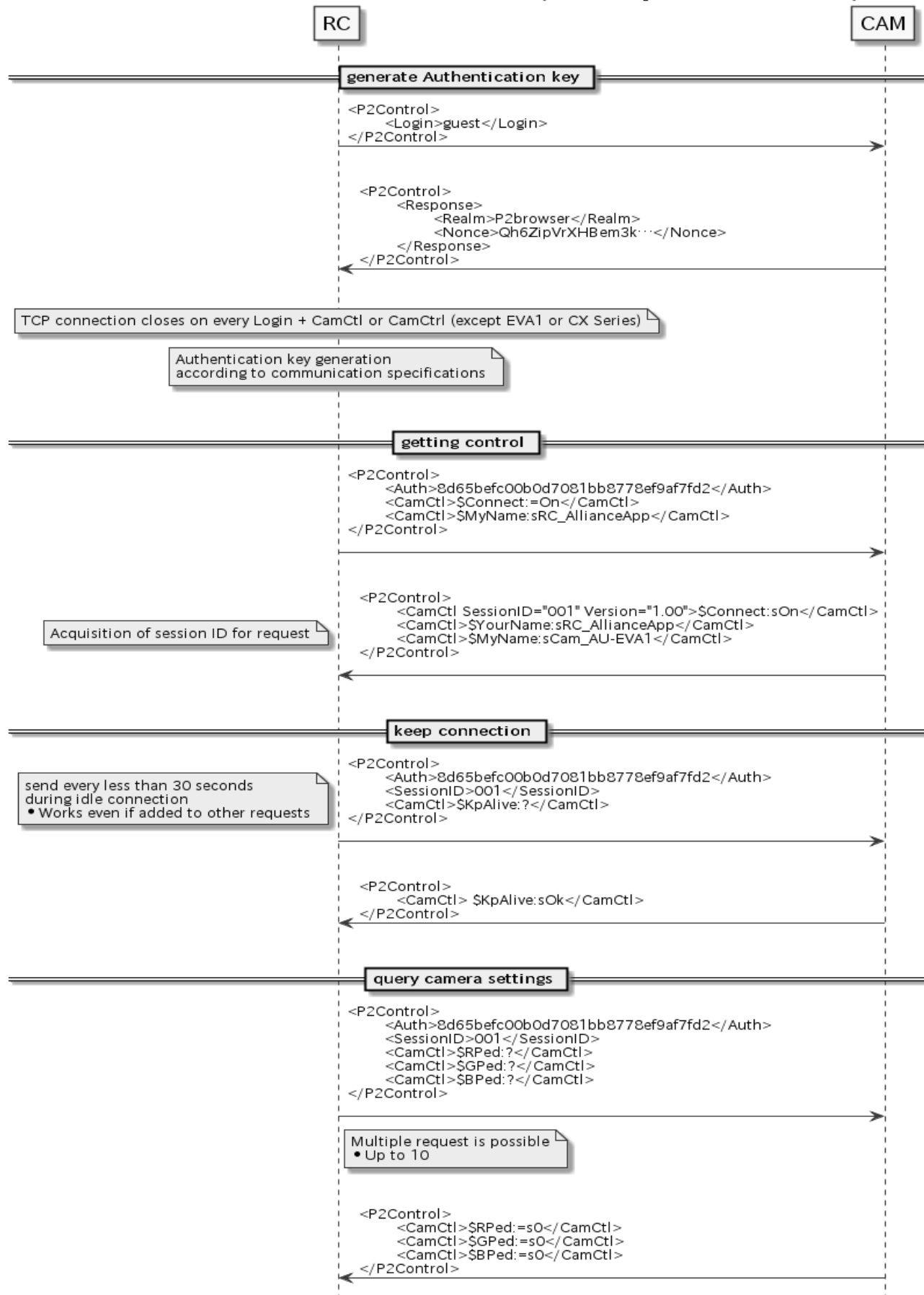
### Varicam Status Map

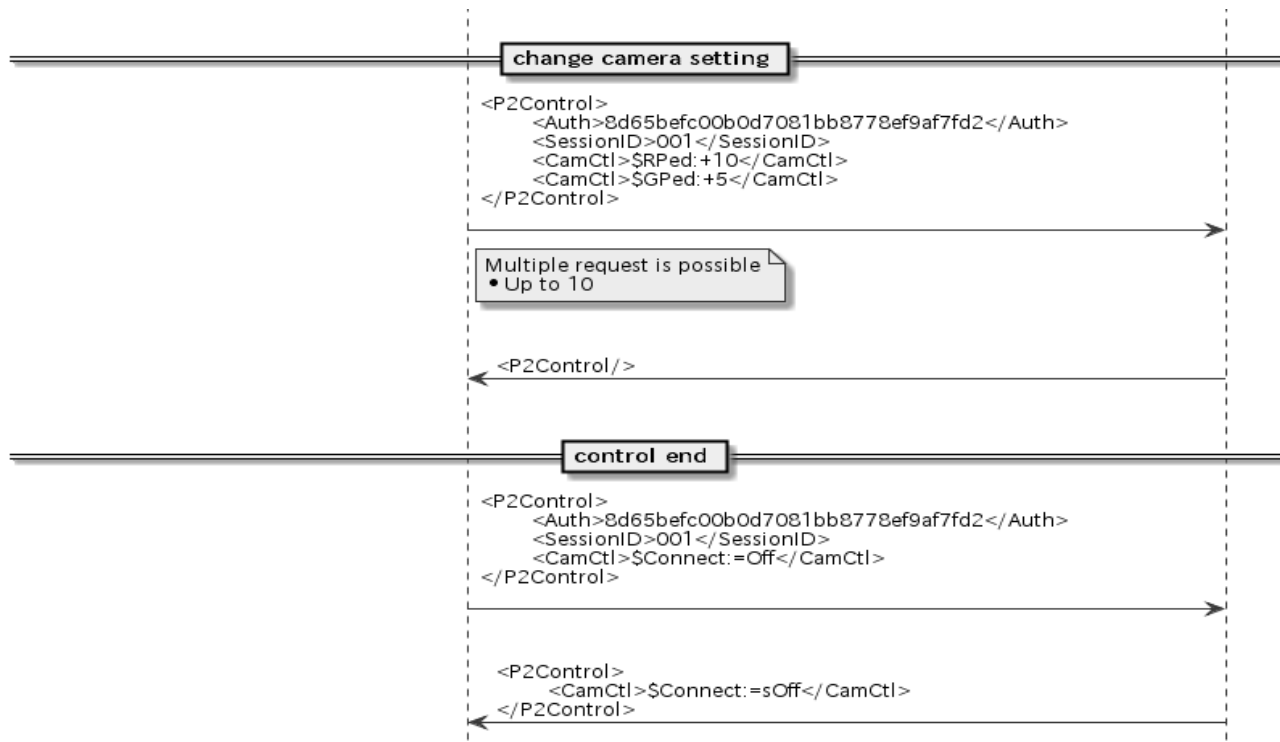
VariCamSts4

Address	7	6	5	4	3	2	1	0	Remarks
00 00h	CdlSlopeR								1.50 → 0x0132
01 01h									
02 02h	CdlSlopeG								
03 03h									
04 04h	CdlSlopeB								
05 05h									
06 06h	CdlOfsR								0.50 → 0x32, -0.50 → 0xCE
07 07h	CdlOfsG								
08 08h	CdlOfsB								
09 09h	CdlPowR								1.50 → 0x0132
10 0Ah									
11 0Bh	CdlPowG								
12 0Ch									
13 0Dh	CdlPowB								
14 0Eh									
15 0Fh	CdlSat								1.50 → 0x0132
16 10h									
17 11h	ColOutput1								
18 12h	ColOutput2								
19 13h	ColOutputVF								
20 14h	SubCol								
21 15h	3DLut								
22 16h	GradingSel								
23 17h									
24 18h									
25 19h	ACh1Lv								
26 1Ah	ACh2Lv								
27 1Bh	ACh3Lv								
28 1Ch	ACh4Lv								
29 1Dh	ACh1Vol								
30 1Eh	ACh2Vol								
31 1Fh	ACh3Vol								
32 20h	ACh4Vol								
33 21h	AMonCh								
34 22h	AMonSel								
35 23h	AMonVol								
36 24h									
37 25h									
38 26h									
39 27h									
40 28h									
41 29h									
42 2Ah									
43 2Bh	SdiDtlCor								
44 2Ch	SdiDtl								
45 2Dh	FanContMode								
46 2Eh	LensCnctType								
47 2Fh									
48 30h									
49 31h	SysFormMode								ASCII string
50 32h									
51 33h									
52 34h									
53 35h									
54 36h									
55 37h									
56 38h									
57 39h									
58 3Ah									
59 3Bh									
60 3Ch									
61 3Dh									
62 3Eh									
63 3Fh									

**Except Varicam**

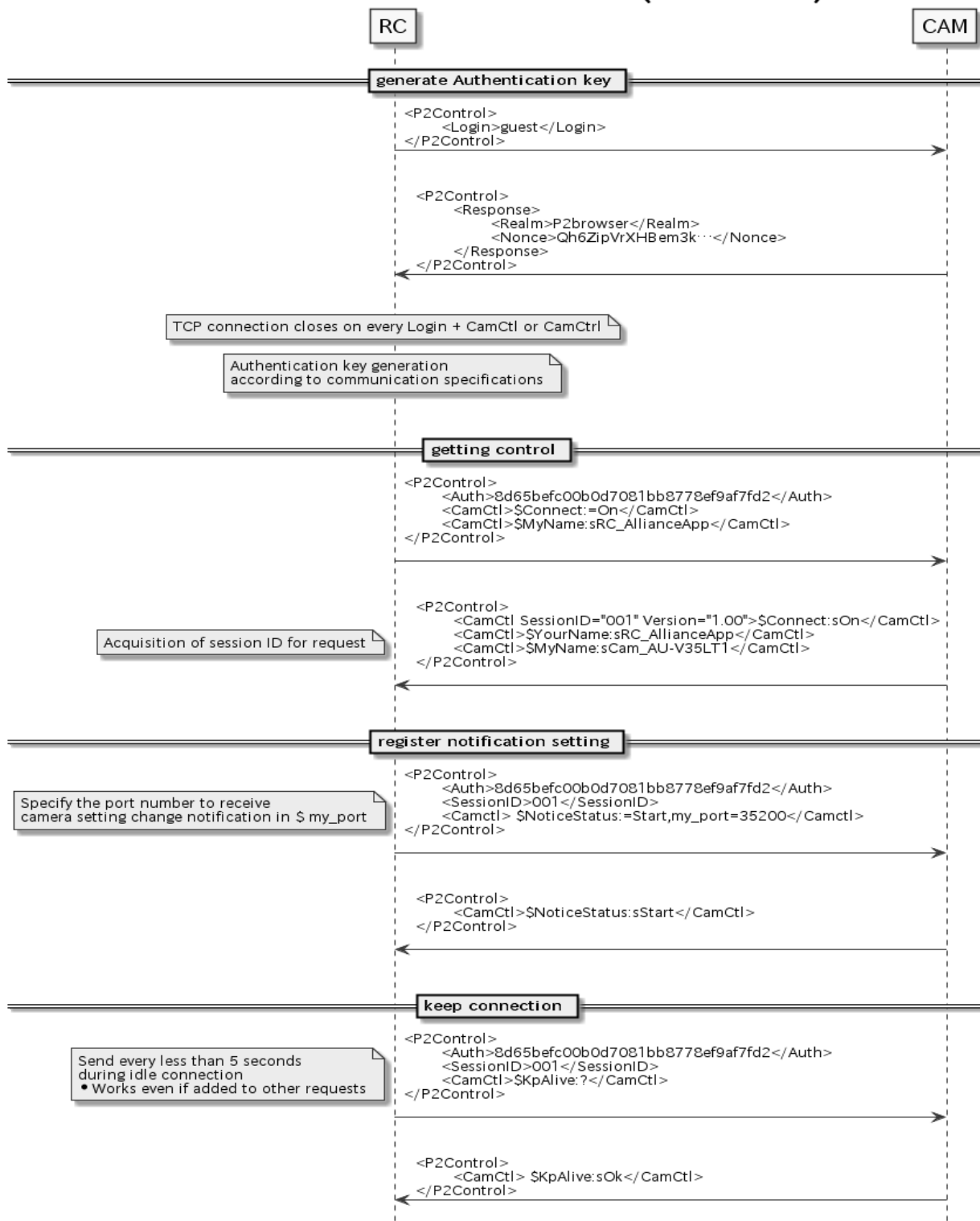
# Communication Outline(Except Varicam)



**Except Varicam**

Varicam

## Communication Outline(Varicam)





**Varicam**