

History

Date	Changing Place	Description
2020 Jan		1st Version

Command List(Varicam L7)

						Support							
Category	Feature	Command	Direction	Evaluation	Parameter Range	Remarks	GRADING SEL = SHADING						
							MAIN COLOR = SHADING						
							MAIN COLOR = V-Lut	GAMMA SEL = V-709	GAMMA SEL = V-4300 / V-4300S	GAMMA SEL = V-4300 / V-4300S	GAMMA SEL = BOGAMMA	GAMMA SEL = V-Lut	MAIN COLOR = V-Lut
Initialize connection	Device connection	\$ConnectOn	A	Start connection device		See Communication Outline	○	○	○	○	○	○	○
		\$ConnectOff	A	Stop connection device			○	○	○	○	○	○	○
Handshake on initial connection		\$ConnectOn	B	Reply that the device connection is established			○	○	○	○	○	○	○
		\$ConnectOff	B	Reply that the connection is not established			○	○	○	○	○	○	○
Persistent connection	Keep Alive	\$MyName* \$YourName*	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=RC_AK-HP20MC / (CamCtl) then the camera responds like: (CamCtl) \$YourName=RC_AK-HP20MC / (CamCtl) (CamCtl) \$MyName=Cam_AJ-VRED10 / (CamCtl)	○	○	○	○	○	○	○
		\$KeepAlive?	A	Request to notification self-introduction on the initial		sent every less than 5 seconds on an idle connection	○	○	○	○	○	○	○
REC/PH	MEDIA OPERATION	\$RecOn	A	Start or stop recording			○	○	○	○	○	○	○
		\$RecOff	A	Stop recording			○	○	○	○	○	○	○
MEDIA STATUS		\$MediaSel	A	Query for the media status			○	○	○	○	○	○	○
		\$MediaStat	B	Reply for media status query		The camera recorder status has number without "B" in user case. \$TOR0000 / \$EJECT010 / \$LOAD011 / \$UNLOAD012 / \$REWIND01 / \$FWD007 / \$REV040 / \$PLAY040 / \$STILL040 / \$ASM REC042 / \$REC PAUSE040 / \$AUTO OFF040 / \$POWER OFF041 / \$UNKNOWN047	○	○	○	○	○	○	○
TALLY	Alarm	\$Alarm?	A	Query about Alarm On/Off			○	○	○	○	○	○	○
		\$AlarmOn	B	Set Alarm On * If # is Number, it indicates blink frequency.			○	○	○	○	○	○	○
RED		\$RedOn	A	Change to Red Tally On			○	○	○	○	○	○	○
		\$RedOff	B	Change to Red Tally Off			○	○	○	○	○	○	○
GREEN		\$GreenOn	A	Change to Green Tally On			○	○	○	○	○	○	○
		\$GreenOff	B	Change to Green Tally Off			○	○	○	○	○	○	○
CALL	CALL	\$CallOn	A	Change to Call indicator On			○	○	○	○	○	○	○
		\$CallOff	B	Change to Call indicator Off			○	○	○	○	○	○	○
USER KEY	USER MAIN USER SWITCH 1 USER SWITCH 2 CHARACTER	\$UserMainOn	A	User SW Main On			○	○	○	○	○	○	○
		\$UserMainOff	B	User SW Main Off			○	○	○	○	○	○	○
Display		\$CharOn	A	Change to Character display On		This controls only SDI OUT2	○	○	○	○	○	○	○
		\$CharOff	B	Change to Character display Off			○	○	○	○	○	○	○
GAIN	MASTER	\$GainOn	A	Specify to relatively increase/decrease the current EI (ISO or EV)		integer (Shift the selection of the current menu by the specified number)	○	○	○	○	○	○	○
		\$GainOff	B	Specify to relatively increase/decrease the current EI (ISO or EV)			○	○	○	○	○	○	○
BAR	BAR	\$BarOn	A	Change to Color Bar display On			○	○	○	○	○	○	○
		\$BarOff	B	Change to Color Bar display Off			○	○	○	○	○	○	○
Luminance	Luminance	\$KneeOn	A	Change to Knee/Auto Knee On			○	○	○	○	○	○	○
		\$KneeOff	B	Change to Knee/Auto Knee Off			○	○	○	○	○	○	○
MODE		\$ModeOn	A	Select Knee mode		D-RANGE / PRESS	○	○	○	○	○	○	○
		\$ModeOff	B	Increase/decrease Knee mode relatively			○	○	○	○	○	○	○
MASTER POINT		\$PointOn	A	Specify to increase/decrease the position of knee point value relatively			○	○	○	○	○	○	○
		\$PointOff	B	Specify to increase/decrease the position of knee point value relatively			○	○	○	○	○	○	○
SLOPE MASTER		\$SlopeOn	A	Change to SLOPE BCDL Level value			○	○	○	○	○	○	○
		\$SlopeOff	B	Change to SLOPE BCDL Level value			○	○	○	○	○	○	○
White Clip	White Clip	\$WhiteClipOn	A	Change to white clip function On			○	○	○	○	○	○	○
		\$WhiteClipOff	B	Change to white clip function Off			○	○	○	○	○	○	○
LEVEL		\$LevelOn	A	Change to white clip function level			○	○	○	○	○	○	○
		\$LevelOff	B	Change to white clip function level			○	○	○	○	○	○	○
Color	COLOR SETTINGS	\$MainCol*	A	Select MAIN COLOR setting			○	○	○	○	○	○	○
		\$MainCol+	A	Increase/decrease the MAIN COLOR setting relatively			○	○	○	○	○	○	○
GRADING SELECT		\$GradingSel*	A	Select GRADING SEL setting		Internal / ExternalApp / SHADING / OFF	○	○	○	○	○	○	○
		\$GradingSel+	A	Increase/decrease the GRADING SEL setting relatively			○	○	○	○	○	○	○
SUB COLOR		\$SubCol*	A	Select PROXY COLOR setting		V-Log / GRADING / V-709 / BAKED IN / HLG / SDR / 3D LUT	○	○	○	○	○	○	○
		\$SubCol+	A	Increase/decrease the SUB(PROXY) COLOR setting relatively			○	○	○	○	○	○	○
SDI DETAIL	SDI DETAIL	\$SDISwOn	A	Change to detail function On			○	○	○	○	○	○	○
		\$SDISwOff	B	Change to detail function Off			○	○	○	○	○	○	○
CORING		\$CoringOn	A	Change to coring amount for the detail signal (absolute value)		0 to 15	○	○	○	○	○	○	○
		\$CoringOff	B	Change to coring amount for the detail signal (absolute value)			○	○	○	○	○	○	○
LEVEL		\$LevelOn	A	Change to white clip function level			○	○	○	○	○	○	○
		\$LevelOff	B	Change to white clip function level			○	○	○	○	○	○	○
3D LUT	3D LUT	\$3DLutOn	A	Select 3D LUT setting		OFF / V-709 / LoaderFile	○	○	○	○	○	○	○
		\$3DLutOff	B	Change to 3D LUT setting			○	○	○	○	○	○	○
CDL	CDL	\$CDLOn	A	Change to CDL On			○	○	○	○	○	○	○
		\$CDLOff	B	Change to CDL Off			○	○	○	○	○	○	○
SLOPE-R		\$SlopeROn	A	Change to SLOPE BCDL Level value			○	○	○	○	○	○	○
		\$SlopeROff	B	Change to SLOPE BCDL Level value			○	○	○	○	○	○	○
SLOPE-G		\$SlopeGOn	A	Change to SLOPE BCDL Level value			○	○	○	○	○	○	○
		\$SlopeGOff	B	Change to SLOPE BCDL Level value			○	○	○	○	○	○	○
SLOPE-B		\$SlopeBOn	A	Change to SLOPE BCDL Level value			○	○	○	○	○	○	○
		\$SlopeBOff	B	Change to SLOPE BCDL Level value			○	○	○	○	○	○	○
OFFSET-R		\$OffsetROn	A	Change to OFFSET BCDL Level value			○	○	○	○	○	○	○
		\$OffsetROff	B	Change to OFFSET BCDL Level value			○	○	○	○	○	○	○
OFFSET-G		\$OffsetGOn	A	Change to OFFSET BCDL Level value			○	○	○	○	○	○	○
		\$OffsetGOff	B	Change to OFFSET BCDL Level value			○	○	○	○	○	○	○
POWER-R		\$PowerROn	A	Change to POWER BCDL Level value			○	○	○	○	○	○	○
		\$PowerROff	B	Change to POWER BCDL Level value			○	○	○	○	○	○	○
POWER-G		\$PowerGOn	A	Change to POWER BCDL Level value			○	○	○	○	○	○	○
		\$PowerGOff	B	Change to POWER BCDL Level value			○	○	○	○	○	○	○
POWER-B		\$PowerBOn	A	Change to POWER BCDL Level value			○	○	○	○	○	○	○
		\$PowerBOff	B	Change to POWER BCDL Level value			○	○	○	○	○	○	○

[illegible]

[illegible]

Command List(Varicam LT)

	\$CoCovRRPh+>	A	Increase/decrease the adjusted value relatively.	-	0	0	0	0	-	0	-
	\$CoCovVSRPh->	A	Order for the current setting.	-	0	0	0	0	-	0	-
	\$CoCovVSRPh->	B	Answer about the current adjusted value.	-	0	0	0	0	-	0	-
P(SAT)	\$CoCovVRBSat+>	A	Order for the adjusted value. (absolute value).	-63 to 63	0	0	0	0	-	0	-
	\$CoCovVRBSat->	A	Increase/decrease the adjusted value relatively.	-	0	0	0	0	-	0	-
	\$CoCovVRBSat->	A	Confirm the current setting.	-	0	0	0	0	-	0	-
	\$CoCovVRBSat->	B	Answer about the current adjusted value.	-	0	0	0	0	-	0	-
P(PSHASE)	\$CoCovYRBPSh+>	A	Order for the adjusted value. (absolute value).	-63 to 63	0	0	0	0	-	0	-
	\$CoCovYRBPSh+>	A	Increase/decrease the adjusted value relatively.	-	0	0	0	0	-	0	-
	\$CoCovYRBPSh->	A	Confirm the current setting.	-	0	0	0	0	-	0	-
	\$CoCovYRBPSh->	B	Answer about the current adjusted value.	-	0	0	0	0	-	0	-
P(SAT)	\$CoCovYYRSat+>	A	Order for the adjusted value. (absolute value).	-63 to 63	0	0	0	0	-	0	-
	\$CoCovYYRSat->	A	Increase/decrease the adjusted value relatively.	-	0	0	0	0	-	0	-
	\$CoCovYYRSat->	A	Confirm the current setting.	-	0	0	0	0	-	0	-
	\$CoCovYYRSat->	B	Answer about the current adjusted value.	-	0	0	0	0	-	0	-
P(PSHASE)	\$CoCovYYRBPSh+>	A	Order for the adjusted value. (absolute value).	-63 to 63	0	0	0	0	-	0	-
	\$CoCovYYRBPSh+>	A	Increase/decrease the adjusted value relatively.	-	0	0	0	0	-	0	-
	\$CoCovYYRBPSh->	A	Confirm the current setting.	-	0	0	0	0	-	0	-
	\$CoCovYYRBPSh->	B	Answer about the current adjusted value.	-	0	0	0	0	-	0	-
Y(SAT)	\$CoCovYGSat+>	A	Order for the adjusted value. (absolute value).	-63 to 63	0	0	0	0	-	0	-
	\$CoCovYGSat+>	A	Increase/decrease the adjusted value relatively.	-	0	0	0	0	-	0	-
	\$CoCovYGSat->	A	Confirm the current setting.	-	0	0	0	0	-	0	-
	\$CoCovYGSat->	B	Answer about the current adjusted value.	-	0	0	0	0	-	0	-
Y(PHASE)	\$CoCovYPSh+>	A	Order for the adjusted value. (absolute value).	-63 to 63	0	0	0	0	-	0	-
	\$CoCovYPSh+>	A	Increase/decrease the adjusted value relatively.	-	0	0	0	0	-	0	-
	\$CoCovYPSh->	A	Confirm the current setting.	-	0	0	0	0	-	0	-
	\$CoCovYPSh->	B	Answer about the current adjusted value.	-	0	0	0	0	-	0	-
P(SAT)	\$CoCovOYTTSat+>	A	Order for the adjusted value. (absolute value).	-63 to 63	0	0	0	0	-	0	-
	\$CoCovOYTTSat+>	A	Increase/decrease the adjusted value relatively.	-	0	0	0	0	-	0	-
	\$CoCovOYTTSat->	A	Confirm the current setting.	-	0	0	0	0	-	0	-
	\$CoCovOYTTSat->	B	Answer about the current adjusted value.	-	0	0	0	0	-	0	-
P(PSHASE)	\$CoCovOYTBPSh+>	A	Order for the adjusted value. (absolute value).	-63 to 63	0	0	0	0	-	0	-
	\$CoCovOYTBPSh+>	A	Increase/decrease the adjusted value relatively.	-	0	0	0	0	-	0	-
	\$CoCovOYTBPSh->	A	Confirm the current setting.	-	0	0	0	0	-	0	-
	\$CoCovOYTBPSh->	B	Answer about the current adjusted value.	-	0	0	0	0	-	0	-
P(SAT)	\$CoCovOTTSat+>	A	Order for the adjusted value. (absolute value).	-63 to 63	0	0	0	0	-	0	-
	\$CoCovOTTSat+>	A	Increase/decrease the adjusted value relatively.	-	0	0	0	0	-	0	-
	\$CoCovOTTSat->	A	Confirm the current setting.	-	0	0	0	0	-	0	-
	\$CoCovOTTSat->	B	Answer about the current adjusted value.	-	0	0	0	0	-	0	-
P(PSHASE)	\$CoCovOTBPSh+>	A	Order for the adjusted value. (absolute value).	-63 to 63	0	0	0	0	-	0	-
	\$CoCovOTBPSh+>	A	Increase/decrease the adjusted value relatively.	-	0	0	0	0	-	0	-
	\$CoCovOTBPSh->	A	Confirm the current setting.	-	0	0	0	0	-	0	-
	\$CoCovOTBPSh->	B	Answer about the current adjusted value.	-	0	0	0	0	-	0	-
Q(SAT)	\$CoCovOGOSat+>	A	Order for the adjusted value. (absolute value).	-63 to 63	0	0	0	0	-	0	-
	\$CoCovOGOSat+>	A	Increase/decrease the adjusted value relatively.	-	0	0	0	0	-	0	-
	\$CoCovOGOSat->	A	Confirm the current setting.	-	0	0	0	0	-	0	-
	\$CoCovOGOSat->	B	Answer about the current adjusted value.	-	0	0	0	0	-	0	-
G(PHASE)	\$CoCovGPh+>	A	Order for the adjusted value. (absolute value).	-63 to 63	0	0	0	0	-	0	-
	\$CoCovGPh+>	A	Increase/decrease the adjusted value relatively.	-	0	0	0	0	-	0	-
	\$CoCovGPh->	A	Confirm the current setting.	-	0	0	0	0	-	0	-
	\$CoCovGPh->	B	Answer about the current adjusted value.	-	0	0	0	0	-	0	-
P(SAT)	\$CoCovOGOSat+>	A	Order for the adjusted value. (absolute value).	-63 to 63	0	0	0	0	-	0	-
	\$CoCovOGOSat+>	A	Increase/decrease the adjusted value relatively.	-	0	0	0	0	-	0	-
	\$CoCovOGOSat->	A	Confirm the current setting.	-	0	0	0	0	-	0	-
	\$CoCovOGOSat->	B	Answer about the current adjusted value.	-	0	0	0	0	-	0	-
P(PSHASE)	\$CoCovOGBPSh+>	A	Order for the adjusted value. (absolute value).	-63 to 63	0	0	0	0	-	0	-
	\$CoCovOGBPSh+>	A	Increase/decrease the adjusted value relatively.	-	0	0	0	0	-	0	-
	\$CoCovOGBPSh->	A	Confirm the current setting.	-	0	0	0	0	-	0	-
	\$CoCovOGBPSh->	B	Answer about the current adjusted value.	-	0	0	0	0	-	0	-
P(SAT)	\$CoCovOYOSat+>	A	Order for the adjusted value. (absolute value).	-63 to 63	0	0	0	0	-	0	-
	\$CoCovOYOSat+>	A	Increase/decrease the adjusted value relatively.	-	0	0	0	0	-	0	-
	\$CoCovOYOSat->	A	Confirm the current setting.	-	0	0	0	0	-	0	-
	\$CoCovOYOSat->	B	Answer about the current adjusted value.	-	0	0	0	0	-	0	-
P(PSHASE)	\$CoCovOYBPSh+>	A	Order for the adjusted value. (absolute value).	-63 to 63	0	0	0	0	-	0	-
	\$CoCovOYBPSh+>	A	Increase/decrease the adjusted value relatively.	-	0	0	0	0	-	0	-
	\$CoCovOYBPSh->	A	Confirm the current setting.	-	0	0	0	0	-	0	-
	\$CoCovOYBPSh->	B	Answer about the current adjusted value.	-	0	0	0	0	-	0	-
P(SAT)	\$CoCovOYOSat+>	A	Order for the adjusted value. (absolute value).	-63 to 63	0	0	0	0	-	0	-
	\$CoCovOYOSat+>	A	Increase/decrease the adjusted value relatively.	-	0	0	0	0	-	0	-
	\$CoCovOYOSat->	A	Confirm the current setting.	-	0	0	0	0	-	0	-
	\$CoCovOYOSat->	B	Answer about the current adjusted value.	-	0	0	0	0	-	0	-
P(PSHASE)	\$CoCovOYBPSh+>	A	Order for the adjusted value. (absolute value).	-63 to 63	0	0	0	0	-	0	-
	\$CoCovOYBPSh+>	A	Increase/decrease the adjusted value relatively.	-	0	0	0	0	-	0	-
	\$CoCovOYBPSh->	A	Confirm the current setting.	-	0	0	0	0	-	0	-
	\$CoCovOYBPSh->	B	Answer about the current adjusted value.	-	0	0	0	0	-	0	-
Cy(SAT)	\$CoCovOCySat+>	A	Order for the adjusted value. (absolute value).	-63 to 63	0	0	0	0	-	0	-
	\$CoCovOCySat+>	A	Increase/decrease the adjusted value relatively.	-	0	0	0	0	-	0	-
	\$CoCovOCySat->	A	Confirm the current setting.	-	0	0	0	0	-	0	-
	\$CoCovOCySat->	B	Answer about the current adjusted value.	-	0	0	0	0	-	0	-
Cy(PHASE)	\$CoCovOCyPh+>	A	Order for the adjusted value. (absolute value).	-63 to 63	0	0	0	0	-	0	-
	\$CoCovOCyPh+>	A	Increase/decrease the adjusted value relatively.	-	0	0	0	0	-	0	-
	\$CoCovOCyPh->	A	Confirm the current setting.	-	0	0	0	0	-	0	-
	\$CoCovOCyPh->	B	Answer about the current adjusted value.	-	0	0	0	0	-	0	-
P10(SAT)	\$CoCovBOCySat+>	A	Order for the adjusted value. (absolute value).	-63 to 63	0	0	0	0	-	0	-
	\$CoCovBOCySat+>	A	Increase/decrease the adjusted value relatively.	-	0	0	0	0	-	0	-
	\$CoCovBOCySat->	A	Confirm the current setting.	-	0	0	0	0	-	0	-
	\$CoCovBOCySat->	B	Answer about the current adjusted value.	-	0	0	0	0	-	0	-
P10(PHASE)	\$CoCovBOCyPh+>	A	Order for the adjusted value. (absolute value).	-63 to 63	0	0	0	0	-	0	-
	\$CoCovBOCyPh+>	A	Increase/decrease the adjusted value relatively.	-	0	0	0	0	-	0	-
	\$CoCovBOCyPh->	A	Confirm the current setting.	-	0	0	0	0	-	0	-
	\$CoCovBOCyPh->	B	Answer about the current adjusted value.	-	0	0	0	0	-	0	-
P11(SAT)	\$CoCovBOCySat+>	A	Order for the adjusted value. (absolute value).	-63 to 63	0	0	0	0	-	0	-
	\$CoCovBOCySat+>	A	Increase/decrease the adjusted value relatively.	-	0	0	0	0	-	0	-
	\$CoCovBOCySat->	A	Confirm the current setting.	-	0	0	0	0	-	0	-
	\$CoCovBOCySat->	B	Answer about the current adjusted value.	-	0	0	0	0	-	0	-
P11(PHASE)	\$CoCovBOCyPh+>	A	Order for the adjusted value. (absolute value).	-63 to 63	0	0	0	0	-	0	-
	\$CoCovBOCyPh+>	A	Increase/decrease the adjusted value relatively.	-	0	0	0	0	-	0	-
	\$CoCovBOCyPh->	A	Confirm the current setting.	-	0	0	0	0	-	0	-
	\$CoCovBOCyPh->	B	Answer about the current adjusted value.	-	0	0	0	0	-	0	-
P12(SAT)	\$CoCovBBOSat+>	A	Order for the adjusted value. (absolute value).	-63 to 63	0	0	0	0	-	0	-
	\$CoCovBBOSat+>	A	Increase/decrease the adjusted value relatively.	-	0	0	0	0	-	0	-
	\$CoCovBBOSat->	A	Confirm the current setting.	-	0	0	0	0	-	0	-
	\$CoCovBBOSat->	B	Answer about the current adjusted value.	-	0	0	0	0	-	0	-
P12(PHASE)	\$CoCovBBOPh+>	A	Order for the adjusted value. (absolute value).	-63 to 63	0	0	0	0	-	0	-
	\$CoCovBBOPh+>	A	Increase/decrease the adjusted value relatively.	-	0	0	0	0	-	0	-
	\$CoCovBBOPh->	A	Confirm the current setting.	-	0	0	0	0	-	0	-
	\$CoCovBBOPh->	B	Answer about the current adjusted value.	-	0	0	0	0	-	0	-
B(SAT)	\$CoCovBSat+>	A	Order for the adjusted value. (absolute value).	-63 to 63	0	0	0	0	-	0	-
	\$CoCovBSat+>	A	Increase/decrease the adjusted value relatively.	-	0	0	0	0	-	0	-
	\$CoCovBSat->	A	Confirm the current setting.	-	0	0	0	0	-	0	-
	\$CoCovBSat->	B	Answer about the current adjusted value.	-	0	0	0	0	-	0	-
B(PHASE)	\$CoCovBPh+>	A	Order for the adjusted value. (absolute value).	-63 to 63	0	0	0	0	-	0	-
	\$CoCovBPh+>	A	Increase/decrease the adjusted value relatively.	-	0	0	0	0	-	0	-
	\$CoCovBPh->	A	Confirm the current setting.	-	0	0	0	0	-	0	-
	\$CoCovBPh->	B	Answer about the current adjusted value.	-	0	0	0	0	-	0	-
P13(SAT)	\$CoCovMBBSat+>	A	Order for the adjusted value. (absolute value).	-63 to 63	0	0	0	0	-	0	-
	\$CoCovMBBSat+>	A	Increase/decrease the adjusted value relatively.	-	0	0	0	0	-	0	-
	\$CoCovMBBSat->	A	Confirm the current setting.	-	0	0	0	0	-	0	-
	\$CoCovMBBSat->	B	Answer about the current adjusted value.	-	0	0	0	0	-	0	-
P13(PHASE)	\$CoCovMBBPh+>	A	Order for the adjusted value. (absolute value).	-63 to 63	0	0	0	0	-	0	-
	\$CoCovMBBPh+>	A	Increase/decrease the adjusted value relatively.	-	0	0	0	0	-	0	-
	\$CoCovMBBPh->	A	Confirm the current setting.	-	0	0	0	0	-	0	-
	\$CoCovMBBPh->	B	Answer about the current adjusted value.	-	0	0	0	0	-	0	-
P14(SAT)	\$CoCovMBROSat+>	A	Order for the adjusted value. (absolute value).	-63 to 63	0	0	0	0	-	0	-
	\$CoCovMBROSat+>	A	Increase/decrease the adjusted value relatively.	-	0	0	0	0	-	0	-
	\$CoCovMBROSat->	A	Confirm the current setting.	-	0	0	0	0	-	0	-
	\$CoCovMBROSat->	B	Answer about the current adjusted value.	-	0	0	0	0	-	0	-
P14(PHASE)	\$CoCovMBRPh+>	A	Order for the adjusted value. (absolute value).	-63 to 63	0	0	0	0	-	0	-
	\$CoCovMBRPh+>	A	Increase/decrease the adjusted value relatively.	-	0	0	0	0	-	0	-
	\$CoCovMBRPh->	A	Confirm the current setting.	-	0	0	0	0	-	0	-
	\$CoCovMBRPh->	B	Answer about the current adjusted value.	-	0	0	0	0	-	0	-
P15(SAT)	\$CoCovMMSat+>	A	Order for the adjusted value. (absolute value).	-63 to 63	0	0	0	0	-	0	-
	\$CoCovMMSat+>	A	Increase/decrease the adjusted value relatively.	-	0	0	0	0	-	0	-
	\$CoCovMMSat->	A	Confirm the current setting.	-	0	0	0	0	-	0	-
	\$CoCovMMSat->	B	Answer about the current adjusted value.	-	0	0	0	0	-	0	-

[illegible]

[illegible]

Command List(VARICAM 35/HS/Pure)

category		feature	command	Direction	explanation	Parameter Range	Remarks	Support
				A: Controller→camera B: camera→Controller UDP: T	Note “-” absolute value (“-” means negative absolute value) “r”, “-r” relative value			VARICAM 35 / HS MAIN COLOR =V-T09 / F-REC / HD Enhanced SW =ON
Initialize connection	Device connection		\$Connect=On	A	Start connection device		See Communication Outline	O
			\$Connect=Off	A	Stop connection device			O
			\$ConnectsOn	B	Reply that the device connection is established.			O
	Handshake on initial connection		\$MyName=s*	AB	Reply that the connection is not established. It replies to all the commands when not connecting. 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: <CamCUI>\$MyName=RC-AK-HPR20MC/<CamCUI> then the camera responds like: <CamCUI>\$YourName=RC-AK-HPR20MC/<CamCUI> <CamCUI>\$MyName=Cam-AJ-VREC1G/<CamCUI>	O
Persistent connection	Keep Alive		\$YourName=s*	B	Response to notification self-introduction on the initial			O
			\$KpAlive?	A	Maintain device connection		sent every less than 5 seconds on an idle connection	O
			\$KpAlivesOk	B				O
REC/PB	MEDIA OPERATION	RECORDING START/STOP	\$MedOpRecStx	A	Start or stop recording			O
			\$MedOpStop	A	Stop			O
	MEDIA STATUS		\$MedSt?	A	Query for the media status			O
			\$MedSt=s*	B	Reply for media status query	The camera recorder status hex number without “0x” in upper case STOP(0x00) / EJECT(0x10) / LOAD(0x11) / UNLOAD(0x12) / REW(0x20) / FF(0x20) / REV(0x40) / PLAY(0x80) / STILL(0x90) / ASM_REC(0xA2) / REC_PAUSE(0xB0) / AUTO_OFF(0xF0) / POWER_OFF(0xF1) / UNKNOWN(0xF7)		O
TALLY	Alarm		\$Alarm?	A	Query about Alarm On/Off.			O
			\$AlarmsOn*	B	Set Alarm ON. * If # is number, # indicates blink frequency			O
USER KEY	USER MAIN USER SWITCH 1 USER SWITCH 2 USER SWITCH 3		\$AlarmsOff	B	Set Alarm OFF			O
			\$UseMainSw=On	A	User SW Main On			O
			\$UseSw1=On	A	User SW 1 On			O
			\$UseSw2=On	A	User SW 2 On			O
Display	CHARACTER		\$UseSw3=On	A	User SW 3 On			O
			\$Char=On	A	Change to Character display ON.		This controls only MON_OUT2	O
			\$Char=Off	A	Change to Character display OFF			O
			\$Char=OnOff	A	Order of toggle control about Character display ON/OFF			O
GAIN	MASTER		\$Char?	A	Answer of Character display ON/Off.			O
			\$Char=On	B	Answer of Character display ON			O
			\$Char=Off	B	Answer of Character display OFF			O
			\$MGain=s*	A	Specify to relatively increase/decrease the current EI (ISO or EI)	integer (Shift the selection of the current menu by the specified number)		O
BAR	BAR		\$BBarSw=On	A	Change to Color Bar display ON			O
			\$BBarSw=Off	A	Change to Color Bar display OFF			O
			\$BBarSw?	A	Query about Color Bar display On/Off.			O
			\$BBarSw=On	B	Answer of Color Bar display ON			O
Luminance	Luminance		\$BBarSw=Off	B	Answer of Color Bar display OFF			O
			\$KneeCont=On	A	Change to Knee/Auto Knee ON			O
			\$KneeCont=Off	A	Change to Knee/Auto Knee OFF			O
			\$KneeCont?	B	Answer of Knee/Auto Knee On/Off.			O
WHITE	AUTO WHITE BALANCE (Awb) AUTO WHITE BALANCE (Awb) AWB		\$KneeCont=On	B	Answer of Knee/Auto Knee ON			O
			\$KneeCont=Off	B	Answer of Knee/Auto Knee OFF			O
			\$AwbAct	A	Execute auto white balance			O
			\$AwbAct	A	Execute auto black balance			O
GAIN	R GAIN		\$Awb?	A	Query for the AWB status.	sNop / sActive / sOk / sNg / sBreak / sAwb.mode / sPreset / sColor bar / sFilter.ng / sUnable		O
			\$Awb=s*	B	Answer AWB Status			O
			\$RGain=s*	A	Increase/decrease the R gain value relatively.			O
			\$RGain?	B	Confirm the current setting.			O
BLACK	PEDESTAL		\$RGain=s*	B	Answer about the current R Gain value.			O
			\$RGain=s*	A	Ask about maximum/minimum value of R-channel gain.			O
			\$RGain=s*	A	Answer about maximum/minimum value of R-channel gain.			O
			\$RGain=s*	A	Increase/decrease the B gain value relatively.			O
SHUTTER	SHUTTER UNIT		\$BGain=s*	A	Confirm the current setting.			O
			\$BGain=s*	B	Answer about the current B Gain value.			O
			\$BGain=s*	A	Ask about maximum/minimum value of B-channel gain.			O
			\$BGain=s*	A	Answer about maximum/minimum value of B-channel gain.			O
PEDESTAL	R Pedestal		\$RPed=s*	A	Increase/decrease the R Pedestal Level value relatively.			O
			\$RPed?	B	Confirm the current setting.			O
			\$RPed=s*	B	Answer about the current R Pedestal Level.			O
			\$RPed=s*	A	Ask about maximum/minimum value of R-channel Pedestal Level.			O
SHUTTER	SHUTTER UNIT		\$RPed=s*	B	Answer about maximum/minimum value of R-channel Pedestal Level.			O
			\$BPed=s*	A	Increase/decrease the B Pedestal Level value relatively.			O
			\$BPed?	B	Confirm the current setting.			O
			\$BPed=s*	B	Answer about the current B Pedestal Level.			O
SHUTTER	SHUTTER UNIT		\$BPed=s*	A	Ask about maximum/minimum value of B-channel Pedestal Level.			O
			\$BPed=s*	B	Answer about maximum/minimum value of B-channel Pedestal Level.			O
			\$MPed=s*	A	Order for Master Pedestal Level (absolute value)			O
			\$MPed=s*	B	Confirm the current setting.			O
SHUTTER	SHUTTER UNIT		\$MPed=s*	B	Answer for Master Pedestal Level (absolute value)			O
			\$MPed=s*	A	Ask about maximum/minimum value of Master Pedestal Level.			O
			\$MPed=s*	B	Answer about maximum/minimum value of Master Pedestal Level.			O
			\$Abb?	A	Query for the ABB status.			O
SHUTTER	SHUTTER UNIT		\$Abb=s*	B	Answer ABB Status	sNop / sActive / sOk / sNg / sBreak		O
			\$ShShSw=On	A	Change to Shutter ON			O
			\$ShShSw=Off	A	Change to Shutter OFF			O
			\$ShShSw=s*	A	Select Shutter Unit.	Sec / Deg		O
LENS	IRIS		\$ShShSw=On	A	Confirm the current setting.			O
			\$ShShSw=Off	A	Reply of Shutter Unit.			O
			\$Iris=s*	B	Control the direct position of Iris (absolute value) *000.VR	Responses of “Iris-c” command inquiry.		O
			\$Iris?	A	Query about the current Iris set value.			O
LENS	IRIS CLOSE SW		\$Iris=s*	A	Answer about the current absolute controlled value.			O
			\$Iris=s*	A	Ask about the maximum/minimum value of Iris			O
			\$Iris=s*	B	Answer about the maximum/minimum value of Iris			O
			\$Iris=On	A	Change to Iris close ON			O
LENS	IRIS CLOSE SW		\$Iris=Off	A	Change to Iris close OFF			O
			\$Iris=On	A	Query about Iris close On/Off.			O
			\$Iris=On	B	Reply of Iris close On			O
			\$Iris=On	B	Reply of Iris close Off			O
LENS	AJRIS		\$AJRIS=On	A	Change to Auto Iris ON			O
			\$AJRIS=Off	A	Change to Auto Iris OFF			O
			\$AJRIS=On	B	Query about Auto Iris On/Off.			O
			\$AJRIS=Off	B	Reply of Auto Iris On			O
LENS	LEVEL		\$AJRIS=On	B	Reply of Auto Iris Off			O
			\$AJRIS=Off	B	Order of the target direct position of Auto Iris (absolute	Responses of “\$AJRIS-Lvc” command inquiry.		O
			\$AJRIS-Lvc	A	Ask about the maximum/minimum value of the target of Auto Iris			O
			\$AJRIS-Lvc=s*	B	Answer about the maximum/minimum value of the target of Auto Iris			O
FILTER	CO FILTER		\$NdfF?	A	Query for the ND Filter Position.			O
			\$NdfF=s*	B	Answer about the current ND Filter Position	0 / 1 / 2 / 3 / 4 / 15 / 0x80		O
			\$CofF?	A	Query for the CO Filter Position.			O
			\$CofF=s*	B	Answer about the current CO Filter Position	0 / 1 / 2 / 3 / 4 / 15 / 0x80		O
MATRIX	MATRIX		\$MtrxTbl=On	A	Change to MATRIX TBL ON			O
			\$MtrxTbl=Off	A	Change to MATRIX TBL OFF			O
			\$MtrxTbl?	A	Query about MATRIX TBL On/Off.			O
			\$MtrxTbl=On	B	Reply of MATRIX TBL On			O
DETAIL	DETAIL		\$MtrxTbl=Off	B	Reply of MATRIX TBL Off			O
			\$DDiSw=On	A	Change to Detail ON			O
			\$DDiSw=Off	A	Change to Detail OFF			O
			\$DDiSw?	A	Query about Detail On/Off.			O
MASTER DETAIL	MASTER DETAIL		\$DDiSw=On	B	Reply of Detail On			O
			\$DDiSw=Off	B	Reply of Detail Off			O
			\$MDi=s*	A	Order for Master Detail Level (absolute value)	-31 to 31		O
			\$MDi=s*	B	Confirm the current setting.			O
SKIN TONE DETAIL	SKIN TONE DETAIL		\$MDi=s*	B	Answer about the current Master Detail Level.			O
			\$SknDtlSw?	A	Change to Skin Detail ON			O
			\$SknDtlSw=Off	A	Change to Skin Detail OFF			O
			\$SknDtlSw=On	B	Query about Skin Detail On/Off.			O
FLARE	FLARE		\$SknDtlSw=Off	B	Reply of Skin Detail On			O
			\$RFl=s*	A	Reply of Skin Detail Off			O
			\$RFl=s*	A	Increase/decrease the R Flare Level value relatively.			O
			\$RFl=s*	B	Confirm the current setting.			O
FLARE	FLARE		\$GFl=s*	A	Answer about the current G Flare Level value.			O
			\$GFl=s*	B	Increase/decrease the G Flare Level value relatively.			O
			\$BFl=s*	A	Confirm the current setting.			O
			\$BFl=s*	B	Answer about the current B Flare Level value.			O
LENS	EXTENDER		\$Ext?	A	Query about Extender.			O
			\$Ext=s*	A	Reply of Extender	0.8 / 1.0 / 2.0		O
			\$DExt?	A	Query about Digital Extender On/Off.			O
			\$DExt=On	B	Reply of Digital Extender ON			O
Display	DIGITAL EXTENDER		\$DExt=Off	B	Reply of Digital Extender OFF			O
			\$TstSawSw?	A	Query about TEST SAW SW On/Off.			O
			\$TstSawSw=Off	B	Reply of TEST SAW SW Off			O
			\$UserFisel	A	Select a User File			O
Output	TEST SAW		\$Vfr=On	A	Change to Variable Frame rate ON			O
			\$Vfr=Off	A	Change to Variable Frame rate OFF			O
			\$Vfr?	A	Query about Variable Frame rate On/Off.			O
			\$Vfr=OnOff	A	Order of toggle control about Variable Frame rate ON/OFF			O
System	SYSTEM		\$Vfr=On	B	Answer of Variable Frame rate ON			O
			\$Vfr=Off	B	Answer of Variable Frame rate OFF			O
			\$FrameRate=s*	A	Increase/decrease the Variable Frame rate value relatively.	integer (Shift the selection of the current VFR fps by the specified number)		O
			\$FrameRate=s*	B	Answer of Variable Frame rate			O
Display	MENU		\$MenuSet?	A	Set Operation of Camera Menu or Enter to lower menu			O
			\$MenuSet	A	Back the camera menu to upper level			O
			\$MenuCxt	A	Move the menu up / right / in a clockwise direction			O
			\$MenuCxt	A				O

[illegible]

Command List(AU-EVA1)

category	feature	command	Direction A: Controller→camera B: camera→Controller U: Camera→Controller (UDP/T)	explanation Note: “-” absolute value (“-” means negative absolute value) “+”, “-”, “~” relative value	Parameter Range	Remarks	Support			
							MAIN COLOR =V-Log	MAIN COLOR =SCENE+ (GAMMA-VIDEO)	MAIN COLOR =SCENE+ (GAMMA-HLG)	MAIN COLOR =SCENE+ (GAMMA-Other)
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				○	○	○	○
Handshake on initial connection		\$MyName=*~	AB	R replies to all the commands when not connected. 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.	The ROP application should send with sRC, AllianceApp.	If remote controller sends its name like: (CamCtl:\$MyName:sRC, AllianceApp/ CamCtl\$) then the camera responds like: (CamCtl:\$YourName:sRC, AllianceApp /CamCtl\$) (CamCtl:\$MyName:sCam_AG- CX350/CamCtl\$)	○	○	○	○
		\$YourName=*~	B	Response to notification self-introduction on the initial connection.			○	○	○	○
		\$KpAlive?	A	Maintain device connection		sent every less than 30 seconds on an idle connection	○	○	○	○
							○	○	○	○
REC/PB	MEDIA OPERATION	\$KpAlive=Ok	B	Reply that the device connection is maintained.			○	○	○	○
		\$MedOpRec=St	A	Start or stop recording			○	○	○	○
		\$MedOpRec=Lpt	A	Long Press of recording button			○	○	○	○
		\$MedOpRec=FF	A	FF			-	-	-	-
		\$MedOpRec=Rev	A	Rev			○	○	○	○
		\$MedOpRec=Chk	A	Rec/Chk			○	○	○	○
		\$MedOpRec=Pl	A	Play			○	○	○	○
		\$MedOpRec=Stk	A	Stop			○	○	○	○
	MEDIA STATUS	\$MedSt?	A	Query for the media status			○	○	○	○
		\$MedSt=*~	B	Reply for media status query	The camera recorder status hex number without “0x” in upper case: STOP(0x00) EJECT(0x10) REC.CHK(0x42) PLAY(0x80) ASM.REC(0xA2) REC.PAUSE(0xB0)		○	○	○	○
							○	○	○	○
							○	○	○	○
TALLY	Alarm	\$Alarm?	A	Query about Alarm On/Off.			○	○	○	○
		\$Alarm=On	B	Set Alarm ON. * If * is Number, it indicates blink			○	○	○	○
	RED	\$Alarm=Off	B	Set Alarm OFF			○	○	○	○
		\$RTT\$Sw?	A	Query about Red Tally On/Off.			○	○	○	○
USER KEY		\$RTT\$Sw=On	B	Answer of Red Tally On			○	○	○	○
		\$RTT\$Sw=Off	B	Answer of Red Tally Off			○	○	○	○
		\$RTT\$Sw=On	A	Change to Red Tally On			○	○	○	○
		\$RTT\$Sw=Off	A	Change to Red Tally Off			○	○	○	○
		\$UserMain=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			○	○	○	○
		\$UserSw4=On	A	User SW 4 On			○	○	○	○
		\$UserSw5=On	A	User SW 5 On			○	○	○	○
		\$UserSw6=On	A	User SW 6 On			○	○	○	○
		\$UserSw7=On	A	User SW 7 On			○	○	○	○
		\$UserSw8=On	A	User SW 8 On			○	○	○	○
		\$UserSw9=On	A	User SW 9 On			○	○	○	○
							○	○	○	○
							○	○	○	○
Display	CHARACTER	\$Char=On	A	Change to Character display ON			○	○	○	○
		\$Char=Off	A	Change to Character display OFF			○	○	○	○
		\$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			○	○	○	○
		\$DispOut1=Off	A	Change to Char/Menu display OFF			○	○	○	○
		\$DispOut1=On/Off	A	Order of tooltips control about Char/Menu display ON/OFF			○	○	○	○
	DISP OUT	\$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			○	○	○	○
		\$DispOut1=On/Off	A	Order of Char/Menu display ON/OFF			○	○	○	○
		\$DispOut2=On	A	Change to Char/Menu display ON			○	○	○	○
		\$DispOut2=Off	A	Change to Char/Menu display OFF			○	○	○	○
		\$DispOut2=On/Off	A	Order of tooltips control about Char/Menu display ON/OFF			○	○	○	○
		\$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			○	○	○	○
							○	○	○	○
							○	○	○	○
GAIN	MASTER	\$MGain=*~	A	Specify to relatively increase/decrease the current EI (ISO or dB).	integer (Shift the selection of the current menu by the specified number)		○	○	○	○
							○	○	○	○
							○	○	○	○
							○	○	○	○
BAR	BAR	\$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			○	○	○	○
		\$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			-	-	-	-
	MODE	\$KneeCont=On	B	Answer of Knee/Auto Knee ON			-	-	-	-
		\$KneeCont=Off	B	Answer of Knee/Auto Knee OFF			-	-	-	-
		\$KneeMode=?	A	Select Knee mode.	D-RANGE / PRESS		-	○	○	-
							-	○	○	-
		\$KneeMode=*~	A	Increase/decrease Knee mode relatively.			-	○	○	-
		\$KneeMode=?	A	Confirm the current setting.			-	○	○	-
		\$KneeMode=?	B	Reply of Knee mode. (* - one of D-RANGE, PRESS)			-	○	○	-
							-	○	○	-
	MASTER POINT	\$KneeMPoint=*~	A	Increase/decrease the position of knee point value relatively.			-	○	○	-
		\$KneeMPoint=-*	A	Order of the position of knee point value (absolute value)	GAMMA-VIDEO 75 to 109 GAMMA-HLG 85 to 100		-	○	○	-
		\$KneeMPoint=?	A	Confirm the current setting.			-	○	○	-
		\$KneeMPoint=?	B	Answer about the current position of knee point value.			-	○	○	-
	SLOPE MASTER	\$KneeMSlope=*~	A	Increase/decrease the knee inclination value relatively.			-	○	○	-
		\$KneeMSlope=-*	A	Order of the knee inclination value (absolute value)	0 to 100		-	○	○	-
		\$KneeMSlope=?	A	Confirm the current setting.			-	○	○	-
		\$KneeMSlope=?	B	Answer about the current knee inclination value.			-	○	○	-
	KNEE SWITCH	\$KneeSw=On	A	Changes to Knee/Auto Knee ON			-	-	-	-
		\$KneeSw=Off	A	Changes to Knee/Auto Knee OFF			-	-	-	-
		\$KneeSw=?	A	Query about Knee/Auto Knee On/Off			-	-	-	-
		\$KneeSw=On	B	Answer of Knee/Auto Knee ON			-	-	-	-
	KNEE POINT	\$KneeSw=Off	B	Answer of Knee/Auto Knee OFF			-	-	-	-
		\$KneePoint=*~	A	Increase/decrease the position of knee point value relatively.			-	○	-	-
		\$KneePoint=?	A	Order of the position of knee point value (absolute value)	75 to 109		-	○	-	-
		\$KneePoint=?	A	Confirm the current setting.			-	○	-	-
	KNEE SLOPE	\$KneePoint=?	B	Answer about the current position of knee point value.			-	○	-	-
		\$KneeSlope=*~	A	Increase/decrease the knee inclination value relatively.			-	○	-	-
		\$KneeSlope=-*	A	Order of the knee inclination value (absolute value)	0 to 100		-	○	-	-
		\$KneeSlope=?	A	Confirm the current setting.			-	○	-	-
	HLG KNEE SWITCH	\$KneeSlope=?	B	Answer about the current knee inclination value.			-	○	-	-
		\$HLgKneeSw=On	A	Changes to HLG Knee/Auto Knee ON			-	-	-	-
		\$HLgKneeSw=Off	A	Changes to HLG Knee/Auto Knee OFF			-	-	-	-
		\$HLgKneeSw=?	A	Query about HLG Knee/Auto Knee On/Off			-	-	-	-
	HLG KNEE POINT	\$HLgKneeSw=On	B	Answer of HLG Knee/Auto Knee ON			-	-	-	-
		\$HLgKneeSw=Off	B	Answer of HLG Knee/Auto Knee OFF			-	-	-	-
		\$HLgKneePoint=*~	A	Increase/decrease the position of knee point value relatively.			-	-	○	-
		\$HLgKneePoint=-*	A	Order of the position of knee point value (absolute value)	55 to 100		-	-	○	-
	HLG KNEE SLOPE	\$HLgKneePoint=?	A	Confirm the current setting.			-	-	○	-
		\$HLgKneePoint=?	B	Answer about the current position of knee point value.			-	-	○	-
		\$HLgKneeSlope=*~	A	Increase/decrease the knee inclination value relatively.			-	-	○	-
		\$HLgKneeSlope=-*	A	Order of the knee inclination value (absolute value)	0 to 100		-	-	○	-
		\$HLgKneeSlope=?	A	Confirm the current setting.			-	-	○	-
		\$HLgKneeSlope=?	B	Answer about the current knee inclination value.			-	-	○	-
							-	-	○	-
							-	-	○	-
Color	COLOR TEMPERATURE	\$KneeSlope=?	B	Answer about the current knee inclination value.			-	-	○	-
		\$ColTemp=*~	A	Increase/decrease the Color Temperature index relatively.			○	○	○	○
		\$ColTemp=-*	A	Execute auto white balance.			○	○	○	○
		\$AWb=Auto	A	Execute auto black balance.			○	○	○	○
	AWB	\$AWb=?	A	Query AWB Status			○	○	○	○
		\$AWb=On	B	Answer AWB Status	sNop / sActive / sOK / sNg / sBreak		○	○	○	○
		\$AWb=?	A	Query AWB Status			○	○	○	○
		\$AWb=On	B	Answer ABB Status			○	○	○	○
	ABB	\$ABb=?	A	Query ABB Status			○	○	○	○
		\$Menu=On	A	Change to Camera Menu Display ON			○	○	○	○
		\$Menu=Off	A	Change to Camera Menu Display OFF			○	○	○	○
		\$Menu=On/Off	A	Order of tooltips control about Camera Menu Display			○	○	○	○
	MENU	\$Menu=?	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			○	○	○	○
							○	○	○	○
SHUTTER	SHUTTER	\$ShSw=On	A	Change to Shutter ON			○	○	○	○
		\$ShSw=Off	A	Change to Shutter OFF			○	○	○	○
		\$ShSel=?	A	Select Shutter Mode	FIX / SYNC		○	○	○	○
		\$ShStep=*~	A	Increase/decrease the Shutter step index relatively.			○	○	○	○
	SHUTTER SELECT	\$ShStep=-*	A	Order of the Shutter step index (absolute value)			○	○	○	○
		\$ShStep=?	A	Ask about maximum/minimum value of Shutter step index.			○	○	○	○
							○	○	○	○
							○	○	○	○
Exposure time	SHUTTER	\$RPed=?	A	Order for R-channel Pedestal Level (absolute value)	-100 to 100		-	○	○	○
		\$RPed=?	A	Increase/decrease the R Pedestal Level value relatively.			-	○	○	○
		\$RPed=?	A	Confirm the current setting.			-	○	○	○
		\$RPed=?	B	Answer about the current R Pedestal Level			-	○	○	○
		\$RPed=?	A	Ask about maximum/minimum value of R-channel Pedestal Level			-	○	○	○
		\$RPed=?	B	Answer about maximum/minimum value of R-channel Pedestal Level			-	○	○	○
		\$GPed=?	A	Order for G-channel Pedestal Level (absolute value)	-100 to 100		-	○	○	○
		\$GPed=?	A	Increase/decrease the G Pedestal Level value relatively.			-	○	○	○
		\$GPed=?	A	Confirm the current setting.			-	○	○	○
		\$GPed=?	B	Answer about the current G Pedestal Level			-	○	○	○
		\$BPed=?	A	Order for B-channel Pedestal Level (absolute value)	-100 to 100		-	○	○	○
		\$BPed=?	A	Increase/decrease the B Pedestal Level value relatively.			-	○	○	○
		\$BPed=?	A	Confirm the current setting.			-	○	○	○
		\$BPed=?	B	Answer about the current B Pedestal Level			-	○	○	○
		\$BPed=?	A	Ask about maximum/minimum value of B-channel Pedestal Level			-	○	○	○
		\$BPed=?	B	Answer about maximum/minimum value of B-channel Pedestal Level			-	○	○	○
LENS	IRIS	\$Auto=On	A	Change to Auto Iris ON			○	○	○	○
		\$Auto=Off	A	Change to Auto Iris OFF			○	○	○	○
		\$Auto=?	A	Query about Auto Iris On/Off			○	○	○	○
		\$Auto=On	B	Reply of Auto Iris On			○	○	○	○
	CONTROL	\$Auto=Off	B	Reply of Auto Iris Off			○	○	○	○
		\$Iris=?	A	Control the direct position of Iris (absolute value) *400/VR	Response of “Iris” command inquiry.		○	○	○	○
		\$Iris=?	A	Query about the current Iris set value.			○	○	○	○
		\$Iris=?	B	Answer about the current absolute controlled value.			○	○	○	○
		\$Iris=?	A	Ask about the maximum/minimum value of Iris.			○	○	○	○
		\$Iris=?	B	Answer about the maximum/minimum value of Iris			○	○	○	○
		\$AutoIris=?	A	Increase/decrease the target direct position of Auto Iris			○	○	○	○
							○	○	○	○

[illegible]

			B	\$LNMrzBR+*	A	Answer about the current adjusted value.			-	O	O	O
	B-G(N)		A	\$LNMrzBQ+=	A	Order for_ the adjusted value [absolute value]	-63 to 63		-	O	O	O
			A	\$LNMrzBG +=	A	Increase/decrease the adjusted value relatively.			-	O	O	O
			A	\$LNMrzBQ-+	A	Confirm the current setting.			-	O	O	O
			B	\$LNMrzBQ+*	B	Answer about the current adjusted value.			-	O	O	O
			A	\$CoCorreSw-On	A	Change to color correction function ON			-	O	O	O
			A	\$CoCorreSw-Off	A	Change to color correction function OFF			-	O	O	O
			A	\$CoCorreSw=?	A	Query about_color_correction_function On/Off			-	O	O	O
			A	\$CoCorreSw-on	B	Reply of color correction function On			-	O	O	O
			A	\$CoCorreSw-off	B	Reply of color correction function Off			-	O	O	O
	(R/SAT)		A	\$CoCorreRSat-=	A	Order for_ the adjusted value [absolute value]	-63 to 63		-	O	O	O
			A	\$CoCorreRSat+=	A	Increase/decrease the adjusted value relatively.			-	O	O	O
			A	\$CoCorreRSat=+	A	Confirm the current setting.			-	O	O	O
			B	\$CoCorreRSat+*	B	Answer about the current adjusted value.			-	O	O	O
	R(PHASE)		A	\$CoCorreRPh-=	A	Order for_ the adjusted value [absolute value]	-63 to 63		-	O	O	O
			A	\$CoCorreRPh+=	A	Increase/decrease the adjusted value relatively.			-	O	O	O
			A	\$CoCorreRPh=-	A	Confirm the current setting.			-	O	O	O
			B	\$CoCorreRPh+*	B	Answer about the current adjusted value.			-	O	O	O
	P1(SAT)		A	\$CoCorreY1RRSat-	A	Order for_ the adjusted value [absolute value]	-63 to 63		-	O	O	O
			A	\$CoCorreY1RRSa	A	Increase/decrease the adjusted value relatively.			-	O	O	O
			t+=	\$CoCorreY1RRSa	t+=	Confirm the current setting.			-	O	O	O
			B	\$CoCorreY1RRSa	B	Answer about the current adjusted value.			-	O	O	O
	P1(PHASE)		A	\$CoCorreY1RRPh-	A	Order for_ the adjusted value [absolute value]	-63 to 63		-	O	O	O
			A	\$CoCorreY1RRPh+	A	Increase/decrease the adjusted value relatively.			-	O	O	O
			A	\$CoCorreY1RRPh=	A	Confirm the current setting.			-	O	O	O
			B	\$CoCorreY1RRPh+	B	Answer about the current adjusted value.			-	O	O	O
	P2(SAT)		A	\$CoCorreY2RSat-	A	Order for_ the adjusted value [absolute value]	-63 to 63		-	O	O	O
			A	\$CoCorreY2RSat+	A	Increase/decrease the adjusted value relatively.			-	O	O	O
			A	\$CoCorreY2RSat=	A	Confirm the current setting.			-	O	O	O
			B	\$CoCorreY2RSat+*	B	Answer about the current adjusted value.			-	O	O	O
	P2(PHASE)		A	\$CoCorreY2RPh-	A	Order for_ the adjusted value [absolute value]	-63 to 63		-	O	O	O
			A	\$CoCorreY2RPh+	A	Increase/decrease the adjusted value relatively.			-	O	O	O
			A	\$CoCorreY2RPh=	A	Confirm the current setting.			-	O	O	O
			B	\$CoCorreY2RPh+	B	Answer about the current adjusted value.			-	O	O	O
	P3(SAT)		A	\$CoCorreY3RSat-	A	Order for_ the adjusted value [absolute value]	-63 to 63		-	O	O	O
			A	\$CoCorreY3RRSa	A	Increase/decrease the adjusted value relatively.			-	O	O	O
			t+=	\$CoCorreY3RRSa	t+=	Confirm the current setting.			-	O	O	O
			B	\$CoCorreY3RRSa	B	Answer about the current adjusted value.			-	O	O	O
	P3(PHASE)		A	\$CoCorreY3RPh-	A	Order for_ the adjusted value [absolute value]	-63 to 63		-	O	O	O
			A	\$CoCorreY3RPh+	A	Increase/decrease the adjusted value relatively.			-	O	O	O
			A	\$CoCorreY3RPh=	A	Confirm the current setting.			-	O	O	O
			B	\$CoCorreY3RPh+	B	Answer about the current adjusted value.			-	O	O	O
	Y1(SAT)		A	\$CoCorreY1Sat-=	A	Order for_ the adjusted value [absolute value]	-63 to 63		-	O	O	O
			A	\$CoCorreY1Sat+=	A	Increase/decrease the adjusted value relatively.			-	O	O	O
			A	\$CoCorreY1Sat=?	A	Confirm the current setting.			-	O	O	O
			B	\$CoCorreY1Sat+*	B	Answer about the current adjusted value.			-	O	O	O
	Y1(PHASE)		A	\$CoCorreY1Ph-=	A	Order for_ the adjusted value [absolute value]	-63 to 63		-	O	O	O
			A	\$CoCorreY1Ph+=	A	Increase/decrease the adjusted value relatively.			-	O	O	O
			A	\$CoCorreY1Ph=	A	Confirm the current setting.			-	O	O	O
			B	\$CoCorreY1Ph+*	B	Answer about the current adjusted value.			-	O	O	O
	P4(SAT)		A	\$CoCorreGYYSat-	A	Order for_ the adjusted value [absolute value]	-63 to 63		-	O	O	O
			A									

Command List(AU-EVA1)

			\$CoCorreMgPhs B	Answer about the current adjusted value .			-	O	O	O
P9(SAT)			\$CoCorreRMaSat A	Order for the adjusted value (absolute value)	-63 to 63		-	O	O	O
			\$CoCorreRMaSat A	Increase/decrease the adjusted value relatively.				O	O	O
			at:*				-	O	O	O
			\$CoCorreRMaSat :~*					O	O	O
P9(PHASE)			\$CoCorreRMaSat A	Confirm the current setting.			-	O	O	O
			\$CoCorreRMaSat B	Answer about the current adjusted value .			-	O	O	O
			at:~*				-	O	O	O
			\$CoCorreRMaPh: A	Order for the adjusted value (absolute value)	-63 to 63		-	O	O	O
P10(SAT)			\$CoCorreRMaPh: A	Increase/decrease the adjusted value relatively.			-	O	O	O
			at:~*				-	O	O	O
			\$CoCorreRMaPh: A	Confirm the current setting.			-	O	O	O
			\$CoCorreRMaPh: B	Answer about the current adjusted value .			-	O	O	O
P10(PHASE)			\$CoCorreRMaSat A	Order for the adjusted value (absolute value)	-63 to 63		-	O	O	O
			\$CoCorreRMaSat A	Increase/decrease the adjusted value relatively.			-	O	O	O
			at:~*				-	O	O	O
			\$CoCorreRMaSat A	Confirm the current setting.			-	O	O	O
P10(SAT)			\$CoCorreRMaSat B	Answer about the current adjusted value .			-	O	O	O
			at:~*				-	O	O	O
			\$CoCorreRMaPh: A	Order for the adjusted value (absolute value)	-63 to 63		-	O	O	O
			\$CoCorreRMaPh: A	Increase/decrease the adjusted value relatively.			-	O	O	O
P10(PHASE)			h:~*				-	O	O	O
			\$CoCorreRMaPh: A	Confirm the current setting.			-	O	O	O
			\$CoCorreRMaPh: B	Answer about the current adjusted value .			-	O	O	O
			h:~*				-	O	O	O

Command List(AG-CX350)

category	feature	command	Direction A:Controller→camera B:camera→Controller U:Camera→Controller (I/IDP)†	explanation Note: “-” absolute value (“-” means negative absolute value) “-+” “-” relative value	Parameter Range	Remarks	Support ALL Mode
Initialize connection	Device connection	\$Connect=On	A	Start connection device		See Communication Outline	○
		\$Connect=Off	A	Stop connection device			○
		\$Connect=On	B	Reply that the device connection is established.			○
		\$Connect=Off	B	Reply that the connection is not established.			○
	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.	The ROP application should send with sRC_AllianceApp.	If remote controller sends its name like: <CamCtl>\$MyName:sRC_AllianceApp/<CamCtl> then the camera responds like: <CamCtl>\$YourName:sRC_AllianceApp/<CamCtl> <CamCtl>\$MyName:Cam,AG-CX350/<CamCtl>	○
		\$YourName=s*	B	Response to notification self-introduction on the initial connection.			○
	Persistent connection	\$KpAlive?	A	Maintain device connection		sent every less than 30 seconds on an idle connection	○
		\$KpAlive=sOk	B	Reply that the device connection is maintained.			○
REC/PB	MEDIA OPERATION	RECORDING START/STOP	A	Start or stop recording			○
		RECORDING Long Press	A	Long Press of recording button			○
		FAST	A	FF			-
		REWIND	A	Rew			-
		REC CHECK	A	RecChk			-
		PLAY	A	Play			-
		STOP	A	Stop			○
		\$MedSt?	A	Query for the media status.			○
	MEDIA STATUS	\$MedSt=s*	B	Reply for media status query	The camera recorder status hex number without “0x” in upper case: STOP(0x00) EJECT(0x10) REC_CHK(0x42) PLAY(0x80) ASM_REC(0xA2) REC_PAUSE(0xB0)		○
TALLY	Alarm	\$Alarm?	A	Query about Alarm On/Off			○
		\$Alarm=On*	B	Set Alarm ON. * If * is Number, it indicates blink			○
		\$Alarm=Off	B	Set Alarm OFF			○
		\$UserMainSw=On	A	User SW Main On			○
USER KEY	USER MAIN USER SWITCH 1 USER SWITCH 2 USER SWITCH 3 USER SWITCH 4 USER SWITCH 5 USER SWITCH 6 USER SWITCH 7 USER SWITCH 8 USER SWITCH 9	\$UserSw1=On	A	User SW 1 On			○
		\$UserSw2=On	A	User SW 2 On			○
		\$UserSw3=On	A	User SW 3 On			○
		\$UserSw4=On	A	User SW 4 On			○
		\$UserSw5=On	A	User SW 5 On			○
		\$UserSw6=On	A	User SW 6 On			○
		\$UserSw7=On	A	User SW 7 On			○
		\$UserSw8=On	A	User SW 8 On			○
		\$UserSw9=On	A	User SW 9 On			○
	Display CHARACTER	\$Char=On	A	Change to Character display ON			○
GAIN	MASTER	\$Char=Off	A	Change to Character display OFF			○
		\$Char?	A	Query about Character display On/Off.			○
		\$Char=On	B	Answer of Character display ON			○
		\$Char=Off	B	Answer of Character display OFF			○
		\$MGain=+	A	Specify to relatively increase/decrease the current master gain.	integer (Range of movement is -3 to 18)	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.	○
		\$MGain=-	A				○
BAR	BAR	\$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			○
Luminance	KNEE CONTROL / AUTO-MANUAL KNEE CONTROL	\$BarSw=Off	B	Answer of Color Bar display OFF			○
		\$KneeSel=s*	A	Select Knee mode.	AUTO / MANUAL / OFF		○
		\$KneeSel?	A	Query about Knee Selection.			○
		\$KneeSel=s*	B	Answer of Knee Selection.			○
Color	WHITE BALANCE SELECT	\$WBaSel=s*	A	Select white balance absolute value stored in channels.	Preset / A / B		○
		\$WBaSel?	A	Query about white balance channel Selection.			○
		\$WBaSel=s*	B	Answer of white balance channel Selection.			○
		\$AWb=Act	A	Execute auto white balance.			○
	AUTO WHITE BALANCE (Awb) AUTO BLACK BALANCE (ABb)	\$ABb=Act	A	Execute auto black balance.			○
		\$Awb?	A	Query AWB Status	sNop / sActive / sOk / sNg / sBreak		○
	AWB	\$Awb=s*	B	Answer AWB Status			○
		\$ABb?	A	Query ABb Status			○
	ABb	\$ABb=s*	B	Answer ABb Status	sNop / sActive / sOk / sNg / sBreak		○
Display	MENU	\$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?	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			○
	SHUTTER	\$ShtSw=On	A	Change to Shutter ON			○
		\$ShtSw=Off	A	Change to Shutter OFF			○
		\$ShtSel=s*	A	Select Shutter Mode	FIX / SYNG		○
		\$ShtFix=+	A	Increase/decrease the Fixed Shutter speed relatively.	integer		○
Exposure time	SHUTTER	\$ShtFix=-	A				○
		\$ShtSync=+	A	Increase/decrease the Syncro Scan parameter relatively.	integer		○
		\$ShtSync=-	A				○
		\$RGain=+	A	Order for R-channel gain. (absolute value)	-200 to 200		○
GAIN	R GAIN	\$RGain?	A	Confirm the current setting.			○
		\$RGain=s*	B	Answer about the current R Gain value.			○
		\$RGain=s*	B	Ask about maximum/minimum value of R-channel gain.			○
		\$RGain=s*	B	Answer about maximum/minimum value of R-channel gain.			○
	B GAIN	\$BGain=+	A	Order for B-channel gain. (absolute value)	-200 to 200		○
		\$BGain?	A	Confirm the current setting.			○
		\$BGain=s*	B	Answer about the current B Gain value.			○
		\$BGain=s*	B	Ask about maximum/minimum value of B-channel gain.			○
	PEDESTAL	\$BGain=s*	B	Answer about maximum/minimum value of B-channel gain.			○
PEDESTAL	PEDESTAL	\$RPed=+	A	Order for R-channel Pedestal Level. (absolute value)	-100 to 100		○
		\$RPed?	A	Confirm the current setting.			○
		\$RPed=s*	B	Answer about the current R Pedestal Level.			○
		\$RPed=s*	B	Ask about maximum/minimum value of R-channel Pedestal Level.			○
	G, ch	\$RPed=s*	B	Answer about maximum/minimum value of R-channel Pedestal Level.			○
		\$GPed=+	A	Order for G-channel Pedestal Level. (absolute value)	-100 to 100		○
		\$GPed?	A	Confirm the current setting.			○
		\$GPed=s*	B	Answer about the current G Pedestal Level.			○
	B, ch	\$GPed=s*	B	Ask about maximum/minimum value of G-channel Pedestal			○
		\$BPed=+	A	Order for B-channel Pedestal Level. (absolute value)	-100 to 100		○
SHUTTER	SHUTTER SELECT	\$BPed?	A	Confirm the current setting.			○
		\$BPed=s*	B	Answer about the current B Pedestal Level.			○
		\$BPed=s*	B	Ask about maximum/minimum value of B-channel Pedestal			○
		\$BPed=s*	B	Answer about maximum/minimum value of B-channel Pedestal			○
LENS	IRIS	\$AfrSw=On	A	Change to Auto Iris ON			○
		\$AfrSw=Off	A	Change to Auto Iris OFF			○
		\$AfrSw?	A	Query about Auto Iris On/Off.			○
		\$AfrSw=On	B	Reply of Auto Iris On			○
	IRIS	\$AfrSw=Off	B	Reply of Auto Iris Off			○
		\$Irs=+	A	Control the direct position of Iris (absolute value) *000.VR	Response of “Irs.c” command inquiry.		○
		\$Irs?	A	Query about the current Iris set value.			○
		\$Irs=s*	B	Answer about the current absolute controlled value.			○
	LEVEL	\$Irs.c	A	Ask about the maximum/minimum value of Iris			○
		\$Irs=s*	B	Answer about the maximum/minimum value of Iris			○
PEDESTAL	PEDESTAL	\$AfrLvc=+	A	Order of the target direct position of Auto Iris (absolute	-50 to 50		○
		\$AfrLvc?	A	Query the target direct position of Auto Iris (absolute			○
		\$AfrLvc=s*	B	Answer the target direct position of Auto Iris (absolute			○
		\$AfrLvc	A	Ask about the maximum/minimum value of the target of Auto Iris			○
	PEDESTAL	\$AfrLvc=s*	B	Answer about the maximum/minimum value of the target of Auto Iris			○
		\$MPed=+	A	Order for Master Pedestal Level. (absolute value)	-200 to 200		○
		\$MPed?	A	Query for Master Pedestal Level. (absolute value)			○
		\$MPed=s*	B	Answer for Master Pedestal Level. (absolute value)			○
		\$MPed=s*	B	Ask about maximum/minimum value of Master Pedestal			○
		\$MPed=s*	B	Answer about maximum/minimum value of Master Pedestal Level.			○
Filter	FILTER	\$Ndfil=+	A	Increase/decrease the ND Filter Position value relatively.	integer (Range of movement is 0 to 3)		○
		\$Ndfil=-	A				○
		\$Ndfil?	A	Query ND Filter Position			○
		\$Ndfil=s*	B	Answer about the current ND Filter Position (*0 ~ 14:Valid position, 15:NG position, 0x80:Not support)	0 / 1 / 2 / 3 / 15 / 0x80		○
	CC FILTER	\$CCfil=+	A	Query CC Filter Position			○
		\$CCfil=s*	B	Answer about the current CC Filter Position (*0 ~ 14:Valid position, 15:NG position, 0x80:Not support)	0x80	Not support	○
LENS	FOCUS	\$AFcSw=On	A	Change to Auto Focus ON		Note: supported for non interchangeable lens camera	○
		\$AFcSw=Off	A	Change to Auto Focus OFF			○
		\$AFcSw=On/Off	A	Order of toggle control about Auto Focus ON/OFF			○
		\$AFcSw?	A	Ask about Auto Focus ON/OFF			○
	POSITION	\$AFcSw=On	B	Answer of Auto Focus ON			○
		\$AFcSw=Off	B	Answer of Auto Focus OFF			○
		\$FCStep=+	A	Commands for moving the focus by a fixed amount. The data + should be set to “1”.	-1 or 1		○
		\$FCStep=-	A				○

Command List(AG-CX350)

LENS	ZOOM	SPEED	\$FcSpd:=*	A	Control the value of Focus Speed (absolute value) (0: stop min/max range. Response of FcSpd:?.*)	-6 to 6		○
			\$FcSpd:c	A	Ask the maximum/minimum value of Focus Speed			○
			\$FcSpd:?.*	B	Answer the maximum/minimum value of Focus Speed (0: STOP. ±1~±32767 for maximum/minimum speed)			○
		POSITION	\$ZmStep:=*	A	Commands for moving the zoom by a fixed amount. The data * should be set to "1".	-1 or 1		○
			\$ZmSpd:=*	A	Control the value of Zoom Speed (absolute value)	-8 to 8		○
		SPEED	\$ZmSpd:c	B	Ask the maximum/minimum value of Zoom Speed			○
			\$ZmSpd:?.*	B	Answer the maximum/minimum value of Zoom Speed (0: STOP. ±1~±32767 for maximum/minimum speed)			○
			\$IAZoomSw:=On	B	Change to IA Zoom ON			○
		SWITCH	\$IAZoomSw:=Off	B	Change to IA Zoom OFF			○
			\$IAZoomSw:?	B	Query about IA Zoom On/Off.			○
			\$IAZoomSw:sOn	B	Reply of IA Zoom On			○
		MENU	\$IAZoomSw:sOff	B	Reply of IA Zoom Off			○
			\$MenuUp:t	A	Move the menu up			○
			\$MenuDwn:t	A	Move the menu down			○
			\$MenuLft:t	A	Move the menu left			○
			\$MenuRgt:t	A	Move the menu right			○
			SET	\$MenuSet:t	Set Operation of Camera Menu or Enter to lower menu			○
			EXIT	\$MenuBak:t	Back the camera menu to upper layer			○
			RECORDING START/STOP	\$MedOpeRecS:t	REC Start/Stop			○
			RECORDING STOP	\$MedOpeStop:t	RECORDING STOP			○

Command List(AJ-PX5000/PX5100)

category	feature	command	Direction A: Controller→camera B: camera→Controller U: Camera→Controller (UDP)†	explanation Note: "=" absolute value ("=-" means negative absolute value) "-", "-" relative value	Parameter Range	Remarks	Support ALL Mode
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.			○
	Handshake on initial connection	\$Connects=Off	B	Reply that the connection is not established. It replies to all the commands when not connecting.			○
		\$MyName=* \$YourName=* \$YourName=* \$YourName=*	AB B	Notification of self-introduction, or response to notification of self-introduction on the initial connection. Response to notification 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.	○
							○
Persistent connection	Keep Alive	\$KpAlive=? \$KpAlive=Ok	A B	Maintain device connection Reply that the device connection is maintained.		sent every less than 5 seconds on an idle connection	○
		\$MedOpeRecSst	A	Start or stop recording			○
REC/PB	MEDIA OPERATION	RECORDING START/STOP FAST	A	FF			○
		REWIND	A	Rew			○
		REC CHECK	A	RecChk			○
		PLAY	A	Play			○
		STOP	A	Stop			○
		\$MedSt=? \$MedSts=*	A B	Query for the media status Reply for media status query			○
	MEDIA STATUS				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) / SHUTL(0x70) / JOG(0x71) / VARIO(0x72) / PLAY(0x80) / TMEPO.PLAY(0x83) / 1CLIP.PLAY(0x84) / STILL(0x90) / SKIP(0x96) / NEXTR(0x94) / NEXTF(0x95) / REC.PLAY(0x40) / ASM.REC(0xA2) / REC.PAUSE(0xB0) / AUTO.BACK(0xB1) / DEW(0xD0) / STOP.STBYOFF(0xE0) / AUTO.OFF(0xF0) / POWER.OFF(0xF1) / UNKNOWN(0xFF)		○
							○
							○
							○
							○
							○
TALLY	Alarm	\$Alarm=? \$Alarm=On* \$Alarm=Off	A B B	Query about Alarm On/Off. Set Alarm ON(*. If * is Number, it indicates blink frequency) Set Alarm OFF			○
		\$RTlySw=? \$RTlySw=On \$RTlySw=Off	A B B	Query about Red Tally On/Off. Answer of Red Tally On. Answer of Red Tally Off.			○
	RED	\$RTlySw=On \$RTlySw=Off \$RTlySw=OnOff	A A A	Change to Red Tally On. Change to Red Tally Off. Order of toggle control about Red Tally			○
		\$GTLySw=? \$GTLySw=On \$GTLySw=Off	A B B	Query about Green Tally On/Off. Answer of Green Tally On. Answer of Green Tally Off.			○
		\$GTLySw=On \$GTLySw=Off \$GTLySw=OnOff	A A A	Change to Green Tally On. Change to Green Tally Off. Order of toggle control about Green Tally			○
		\$UserMainSw=On \$UserSw1=On \$UserSw4=On	A A A	User SW Main On User SW 1 On User SW 4 On			○
	GREEN	\$Char=On \$Char=Off \$Char=OnOff \$Char=? \$Char=On \$Char=Off	A B A A B B	Change to Character display ON. Change to Character display OFF. Order of toggle control about Character display ON/OFF. Query about Character display On/Off. Answer of Character display ON. Answer of Character display OFF.			○
		\$MGain=+* \$MGain=-*	A A	Specify to relatively increase/decrease the current master gain.	integer (Range of movement is -16 to 16)	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	BAR	\$BarSw=On \$BarSw=Off	A A	Change to Color Bar ON Change to Color Bar OFF			○
		\$KneeCont=On \$KneeCont=Off	A A	Change to Knee/Auto Knee ON Change to Knee/Auto Knee OFF			○
Color	WHITE BALANCE SELECT	\$WBalSel=* \$AWbAct \$ABbAct	A A A	Select white balance absolute value stored in channels. Execute auto white balance. Execute auto black balance.	Preset / A / B		○
		\$AWb=? \$AWb=*	A B	Query AWB Status Answer AWB Status	sNop / sActive / sOk / sNg / sBreak / sAtw.mode / sPreset / sColor.bar / sFilter.ng / sUnable		○
	AUTO WHITE BALANCE (AWb) AUTO BLACK BALANCE (ABb) AWB	\$ABb=? \$ABb=*	A B	Query ABB Status Answer ABB Status	sNop / sActive / sOk / sNg / sBreak / sAtw.mode / sPreset / sColor.bar / sFilter.ng / sUnable		○
							○
	DATA SAVE	\$DataSave=On \$DataSave=Off	A B	Change to Data Save ON Answer of Data Save ON		ON fixed	○
		\$Menu=On \$Menu=Off \$Menu=OnOff \$Menu=? \$Menu=On \$Menu=Off	A A A A B B	Change to Camera Menu Display ON Change to Camera Menu Display OFF Order of toggle control about Camera Menu Display Ask about Camera Menu Display ON/OFF Answer of Camera Menu Display ON Answer of Camera Menu Display OFF			○
	SHUTTER	\$ShShSw=On \$ShShSw=Off	A A	Change to Shutter ON Change to Shutter OFF			○
		\$ShSel=? \$ShFic=? \$ShFic=-*	A A A	Select Shutter Mode Increase/decrease the Fixed Shutter speed relatively. Increase/decrease the Syncro Scan parameter relatively.	FIX / SYNC -16 to 16 -16 to 16		○
	Exposure time	\$SHtSync=+* \$SHtSync=-*	A A	Increase/decrease the Syncro Scan parameter relatively.	-16 to 16		○
							○
GAIN	R GAIN	\$RGain=? \$RGain=+* \$RGain=-*	A A A	Order for R-channel gain. (absolute value) Increase/decrease the R gain value relatively. Confirm the current setting.	-200 to 200 -200 to 200		○
		\$RGain=? \$RGain=+* \$RGain=-*	A B B	Confirm the current setting. Answer about the current R gain value. Ask about maximum/minimum value of R-channel gain.			○
		\$RGain=? \$RGain=+* \$RGain=-*	A B B	Answer about maximum/minimum value of R-channel gain. Order for B-channel gain. (absolute value) Increase/decrease the B gain value relatively.	-200 to 200 -200 to 200		○
		\$BGain=? \$BGain=+* \$BGain=-*	A A A	Confirm the current setting. Answer about the current B Gain value. Ask about maximum/minimum value of B-channel gain.			○
		\$BGain=? \$BGain=+* \$BGain=-*	A B B	Answer about maximum/minimum value of B-channel gain. Order for R-channel Pedestal Level. (absolute value) Ask about maximum/minimum value of R-channel Pedestal	-100 to 100		○
		\$RPed=? \$RPed=+* \$RPed=-*	A A A	Ask about maximum/minimum value of R-channel Pedestal Answer about maximum/minimum value of R-channel Pedestal Level. Order for G-channel Pedestal Level. (absolute value)	-100 to 100		○
	B GAIN	\$GPed=? \$GPed=+* \$GPed=-*	A A A	Ask about maximum/minimum value of G-channel Pedestal Answer about maximum/minimum value of G-channel Order for B-channel Pedestal Level. (absolute value) Ask about maximum/minimum value of B-channel Pedestal	-100 to 100		○
		\$BPed=? \$BPed=+* \$BPed=-*	A A A	Ask about maximum/minimum value of B-channel Pedestal Answer about maximum/minimum value of B-channel Change to Auto Iris ON Change to Auto Iris OFF			○
		\$AIrsSw=On \$AIrsSw=Off \$AIrs=? \$AIrs=On \$AIrs=Off	A A A B B	Query about Auto Iris On/Off. Reply of Auto Iris On Reply of Auto Iris Off			○
		\$AIrs=? \$AIrs=+* \$AIrs=-*	A B B	Control the direct position of Iris (absolute value) *000-VR Query about the current Iris set value. Answer about the current absolute controlled value.	Response of "sIrs.c" command inquiry.	Depends on the Lens unit.	○
		\$Irs=? \$Irs=+* \$Irs=-*	A B B	Ask about the maximum/minimum value of Iris Answer about the maximum/minimum value of Iris Order of the target direct position of Auto Iris (absolute value) Query the target direct position of Auto Iris (absolute value) Answer the target direct position of Auto Iris (absolute value) Ask about the maximum/minimum value of the target of Auto Iris	-128 to 127		○
		\$AIrsLv=? \$AIrsLv=+* \$AIrsLv=-*	A A A	Ask about the maximum/minimum value of the target of Auto Iris Order for Master Pedestal Level. (absolute value) Query for Master Pedestal Level. (absolute value) Answer for Master Pedestal Level. (absolute value) Ask about maximum/minimum value of Master Pedestal	-200 to 200		○
PEDESTAL	PEDESTAL	\$MPed=? \$MPed=+* \$MPed=-*	A A A	Order for Master Pedestal Level. (absolute value) Query for Master Pedestal Level. (absolute value) Answer for Master Pedestal Level. (absolute value)			○
		\$MPed=? \$MPed=+* \$MPed=-*	A B B	Ask about maximum/minimum value of Master Pedestal Answer about maximum/minimum value of Master Pedestal Query ND Filter Position Answer about the current ND Filter Position (*0 - 14:Valid position, 15:NG position, 0x80:Not support)	0 / 1 / 2 / 3 / 4 / 15 / 0x80		○
Filter	FILTER	\$NDFil=? \$NDFil=+* \$NDFil=-*	A B B	Query ND Filter Position Answer about the current ND Filter Position (*0 - 14:Valid position, 15:NG position, 0x80:Not support)			○
		\$CCFil=? \$CCFil=+* \$CCFil=-*	A A A	Query CC Filter Position			○

Command List(AJ-PX5000/PX5100)

			\$CcFilts*	B	Answer about the current CC Filter Position (*0 ~ 14:Valid position, 15:NG position, 0x80:Not support)	0 / 1 / 2 / 3 / 4 / 15 / 0x80			
System	System	VFR	\$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				○
		FRAME RATE	\$Vfr=OnOff	A	Order of toggle control about Variable Frame rate ON/OFF				○
Display	THUMBNAI MENU		\$FrameRate:+*	A	Increase/decrease the Variable Frame rate value relatively.	-1 or 1			○
			\$FrameRate:-*	A					○
		THUMBNAI MENU	\$ThumbcOnOff	A	Order of toggle control about Thumbnail ON/OFF				○
		UP	\$MenuUp	A	Move the menu up				○
		DOWN	\$MenuDwn	A	Move the menu down				○
		LEFT	\$MenuLft	A	Move the menu left				○
		RIGHT	\$MenuRgt	A	Move the menu right				○
		TOP	\$MenuTop	A	Move the menu top				○
		BOTTOM	\$MenuBtm	A	Move the menu bottom				○
		SET	\$MenuSet	A	Set Operation of Camera Menu or Enter to lower menu				○
		MULTI SEL	\$MenuMsel	A	Multi selection				○
		EXIT	\$MenuBak	A	Back the camera menu to upper layer				○
		CANCEL	\$MenuCancel	A	Cancel of multi selection				○
		MENU CW	\$MenuCw	A	Move the menu up / right / in a clockwise direction				○
		MENU CCW	\$MenuCcw	A	Move the menu down / left / in a counter clockwise				○
		RECORDING START/STOP	\$MedOpeRecSst	A	REC Start/Stop				○
		RECORDING STOP	\$MedOpeStopt	A	RECORDING STOP				○