

1 TASS and Cohu commands

Command	Protocol	Description
0...F	TASS	x Bits per Second
A0...AF	TASS	Set Auto-Move Speed
AS	3850	Read Camera Address
AS	TASS	Begin Auto-Scan Mode
AW	TASS	Request awake status (ping)
A###	3850	Return the current CamAddr in ASCII
As###	3850	Assign Camera Address
B0	3850	Back Light OFF
B0	MPC	Balance Stop
B0	TASS	Increase Stop
B1	3850	Back Light ON
B1	3850	Integration Up
B1	MPC	Increase Blue
B1	TASS	Increase Blue
B2	3850	Integration Down
B2	MPC	Increase Red
B2	TASS	Increase Red
B?	TASS	Request Maximum Data Rate
BS	3850	Request for current Status of Back Light
B#	3850	Return the current Status of Back Light
BV2v1v0	TASS	Set Brightness (Level) value
B	TASS	Brightness Status
C	TASS	Set Communication Parameters
CD ## S	3850	Get Preset ID display
D?	TASS	Query Devices in a Group
DCA2A1A0	TASS	Set Compression Level
DG	TASS	Grab Image

Continued on the next page.

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<i>Continued from the previous page.</i>		
Command	Protocol	Description
DH	TASS	Grab & Send
DI	TASS	Detect Change, Grab & Send
DP	TASS	Compress Image
DQA2A1A0	TASS	Set Quality Factor
DR	TASS	Image Recognition
DS	3850	Request for current Status of Digital Zoom Range
DS	TASS	Send Image
D#	3850	Digital Zoom Range
dAB	3850	Enable Alarm Blinking
dAD	3850	Disable Alarm # display
dAE	3850	Enable Alarm display
dAB	3850	Disable Alarm Blinking
dA	MPC	Display Message Alarm message
dC	MPC	Display Message Clear screen
dIB	3850	Display ID on bottom of screen
dID	3850	Disable ID display
dIE	3850	Enable ID display
dIT	3850	Display ID on top of screen
dI	MPC	Display Message ID display
dL#DATA	3850	Set content of ID messages
dL	MPC	Display Message Line of text
dM	MPC	Display Message Mode select
dP	3850	##DATA
dP##DATA	3850	Store Preset ID display in the receiver
DN	3850	Tilt Down - Nudge
D ##	3850	Tilt Down ##
E0...EF	TASS	Set Speed for Tilt Manual Moves (User-defined default rate)
EM	TASS	Download
EM	TASS	Extended Message to Device
FA	3850	Focus Auto
FF	3850	Focus Far
<i>Continued on the next page.</i>		

<i>Continued from the previous page.</i>		
Command	Protocol	Description
FF	MPC	Focus Far
FF	TASS	Focus Far
FM	3850	Focus Manual
FN	3850	Focus Near
FN	MPC	Focus Near
FN	TASS	Focus Near
FS	3850	Focus Stop
FS	3850	Request for current Status of Focus Mode
FS	MPC	Focus Stop
FS	TASS	Focus Stop
F#	3850	Focus Far
F#	3850	Return the current Status of Focus Mode
Fs	3850	Focus Stop
G?	TASS	Query Groups
GN	TASS	Set Group ID
gv2v1v0	TASS	Set Contrast (Gain) value
G	TASS	Contrast Status
H0 to H9	3850	Goto Presets 1 to 10
H0-H9	MPC	Home Position Goto Preset 0-9
H0...H9	TASS	Go To a Preset or “Home” Position
H?	3850	Home Position Request
H?	MPC	Home Position Status Request
H?	TASS	Preset Position Status Request
HB	TASS	Set Polarity Black = Hot
HW	TASS	Set Polarity White = Hot
H ##	3850	Goto a Preset Position
I?	TASS	Request ID Information
IA	3850	Iris Auto
IA	TASS	Auto Contrast/Brightness Mode
IC	3850	Iris Close
IC	MPC	Iris Close
<i>Continued on the next page.</i>		

<i>Continued from the previous page.</i>		
Command	Protocol	Description
IC	TASS	Iris/Aperture Close
ID	TASS	Set Device
IM	3850	Iris Manual
IM	TASS	Manual Contrast/Brightness Mode
IO	3850	Iris Open
IO	MPC	Iris Open
IO	TASS	Iris/Aperture Open
IS	3850	Iris Stop
IS	3850	Request for Current Status of Iris Mode
IS	MPC	Iris Stop
IS	TASS	Iris/Aperture Stop
I#	3850	Return the current Status of Iris Mode
Is	3850	Iris Stop
L1	3850	Aux 1 Function (Auto/Manual Focus)
L1	MPC	Color Balance (Option 2)
L1	TASS	Color Balance
L1-L3	MPC	Aux Functions (Option 1)
L1...L3	TASS	Latch (Auxiliary Relay) Toggle
L?	3850	Latch Status Request
L?	MPC	Latch Status Request
L?	TASS	Latch (Auxiliary Relay) Status Request
L?	TASS	Latch/Status Request
LA	TASS	Set Auto Iris Mode
LB	TASS	Set Manual Iris Mode
LL	3850	Lens Speed toggle
LL	MPC	Lens Speed Toggle
LL	TASS	Toggle Lens Speed Slow/Fast
LM	3850	Manual Iris toggle
LM	MPC	Manual Iris Toggle
LM	TASS	Toggle Auto/Manual Iris
LN	TASS	Set Narrow Field-of-View
<i>Continued on the next page.</i>		

<i>Continued from the previous page.</i>		
Command	Protocol	Description
LO	TASS	Set Lens Speed Slow
LP	MPC	Camera Power Toggle
LP	TASS	Toggle Device Power On/Off
LS	TASS	DSP Low Power Sleep
LT	TASS	Set Lens Speed Fast
LW	TASS	Set Wide Field-of-View
L1	TASS	Set Latch 1
L2	TASS	Set Latch 2
L3	TASS	Set Latch 3
LN	3850	Pan Left - Nudge
L ##	3850	Pan Left ##
N#	3850	Focus Near
P0 to P9	3850	Program Presets 1 to 10
P0-P9	MPC	Home Position Store Program 0-9
P0...P9	TASS	Store Preset Position
P?	MPC	P/T Position Request
P?	TASS	Pan/Tilt Position Request
PA	TASS	Store Auto-Scan Position A
PB	TASS	Store Auto-Scan Position B
PF	TASS	Turn Device Power Off
PL	3850	Pan Left
PL	MPC	Pan Left
PL	TASS	Pan Left
PN	TASS	Turn Device Power On
PR	3850	Pan Right
PR	MPC	Pan Right
PR	TASS	Pan Right
PS	3850	Pan Stop
PS	MPC	Pan Stop
PS	TASS	Pan Stop
P	MPC	Upper case P is response
P ##	3850	Program Preset Position
<i>Continued on the next page.</i>		

<i>Continued from the previous page.</i>		
Command	Protocol	Description
PA2A1A0E2E1E0	MPC	P/T Goto Command
PA2A1A0E2E1E0	TASS	Pan/Tilt Go-To Command
P	MPC	Lower case p is Goto command
R0	TASS	Reticule/Graticule Off
R1...R9	TASS	Reticule Select 1 - 9
RC	TASS	Recalibrate
RS	3850	Firmware Revision Query
RS	TASS	Reset Receiver
R1	TASS	Reset (clear) Latch 1
R2	TASS	Reset (clear) Latch 2
R3	TASS	Reset (clear) Latch 3
RN	3850	Pan Right - Nudge
RS	3850	Software Reset
RS	MPC	Reset Control Receiver
R ##	3850	Pan Right ##
S0...SF	TASS	Set Speed for Pan (and Optional Tilt) Manual Moves (User-defined default rate)
S?	TASS	Request Imager Status
SH	TASS	Request State of Health
SI	TASS	Insert Shutter
SR	TASS	Remove Shutter
SS	3850	Request for current Status of Shutter
S#	3850	Return the current Status of Shutter
S#	3850	Shutter
TD	3850	Tilt Down
TD	MPC	Tilt Down
TD	TASS	Tilt Down
TF	TASS	Disable Test Mode for Device
TM	TASS	Enable Test Mode for Device
TS	3850	Tilt Stop
TS	MPC	Tilt Stop
<i>Continued on the next page.</i>		

<i>Continued from the previous page.</i>		
Command	Protocol	Description
TS	TASS	Tilt Stop
TU	3850	Tilt Up
TU	MPC	Tilt Up
TU	TASS	Tilt Up
UN	3850	Tilt Up - Nudge
U ##	3850	Tilt Up ##
V?	MPC	Lens Position Request
V?	TASS	Lens Position Request
V	MPC	Upper case V is response
vA2A1A0E2E1E0	MPC	Lens Goto Command
vz2z1z0F2F1F0	TASS	Lens Go-To Command
v	MPC	Lower case v is GOTO command
v	TASS	Go-to Command
WS	3850	Request for current Status of White Balance
W#	3850	Return the current Status of White Balance
W#	3850	White Balance
XN	TASS	Binary Message to Device
ZI	3850	Zoom In
ZI	MPC	Zoom In
ZI	TASS	Zoom In
ZO	3850	Zoom Out
ZO	MPC	Zoom Out
ZO	TASS	Zoom Out
ZS	3850	Zoom Stop
ZS	MPC	Zoom Stop
ZS	TASS	Zoom Stop
Z#	3850	Response to Return the current Status of Digital Zoom
Z#	3850	Zoom Tele
Zs	3850	Zoom Stop
z#	3850	Zoom Wide
<i>Continued on the next page.</i>		

<i>Continued from the previous page.</i>		
Command	Protocol	Description

Index

0, 1
A0, 1
A####, 1
AF, 1
AS, 1
As####, 1
Assign Camera Address, 1
Auto Contrast/Brightness Mode, 3
Aux 1 Function, 4
Aux Functions, 4
Auxiliary Relay, 4
AW, 1

b, 1
B0, 1
B1, 1
B2, 1
B?, 1
B#, 1
Back Light OFF, 1
Back Light ON, 1
Balance Stop, 1
Begin Auto-Scan Mode, 1
Binary Message to Device, 7
Bits per Second, 1
Brightness Status, 1
BS, 1
bv2v1v0, 1

C, 1
Camera Power Toggle, 5
cd, 1
Color Balance, 4
Compress Image, 2
Contrast Status, 3

d, 2
D?, 1
D#, 2
dA, 2
dAB, 2
dAb, 2
dAD, 2
dAE, 2
dC, 2
DCa2a1a0, 1
Detect Change, Grab & Sen, 2
DG, 1
DH, 2
DI, 2
dI, 2
dIB, 2
dID, 2
dIE, 2
Digital Zoom Range, 2
Disable Alarm # display, 2
Disable Alarm Blinking, 2
Disable ID display, 2
Disable Test Mode for Device, 6
Display ID on bottom of screen, 2
Display ID on top of screen, 2
dIT, 2
dL, 2
dL#DATA, 2
dM, 2
dn, 2
Download, 2
DP, 2
dP, 2
DQa2a1a0, 2
DR, 2
DS, 2
DSP Low Power Sleep, 5

E0, 2
EF, 2
EM, 2
Enable Alarm Blinking, 2
Enable Alarm display, 2
Enable ID display, 2

- Enable Test Mode for Device, 6
- Extended Message to Device, 2
- F, 1
- F#, 3
- FA, 2
- FF, 2, 3
- Firmware Revision Query, 6
- FM, 3
- FN, 3
- Focus Auto, 2
- Focus Far, 2, 3
- Focus Manual, 3
- Focus Near, 3, 5
- Focus Stop, 3
- FS, 3
- Fs, 3
- g, 3
- G?, 3
- Get Preset ID display, 1
- Gn, 3
- Go To a Preset or “Home” Position, 3
- Go-to Command, 7
- Goto a Preset Position, 3
- Goto Presets 1 to 10, 3
- Grab & Send, 2
- Grab Image, 1
- gv2v1v0, 3
- H, 3
- H0, 3
- H9, 3
- H?, 3
- HB, 3
- Home Position Goto Preset, 3
- Home Position Request, 3
- Home Position Status Request, 3
- Home Position Store Program, 5
- HW, 3
- I?, 3
- I#, 4
- IA, 3
- IC, 3, 4
- ID, 4
- IM, 4
- Image Recognition, 2
- Increase Blue, 1
- Increase Red, 1
- Increase Stop, 1
- Insert Shutter, 6
- Integration Down, 1
- Integration Up, 1
- IO, 4
- Iris Auto , 3
- Iris Close, 3
- Iris Manual, 4
- Iris Open, 4
- Iris Stop, 4
- Iris/Aperture Close, 4
- Iris/Aperture Open, 4
- Iris/Aperture Stop, 4
- IS, 4
- Is, 4
- l, 5
- L1, 4
- l1, 5
- l2, 5
- L3, 4
- l3, 5
- L?, 4
- LA, 4
- Latch Status Request, 4
- Latch Toggle, 4
- Latch/Status Request, 4
- LB, 4
- Lens Go-To Command, 7
- Lens Goto Command, 7
- Lens Position Request, 7
- Lens Speed Toggle, 4
- Lens Speed toggle, 4
- LL, 4
- LM, 4
- LN, 4
- ln, 5

- LO, 5
- LP, 5
- LS, 5
- LT, 5
- LW, 5
- Manual Contrast/Brightness Mode, 4
- Manual Iris Toggle, 4
- Manual Iris toggle, 4
- N#, 5
- P, 5
- p, 6
- P/T Goto Command, 6
- P/T Position Request, 5
- P0, 5
- P9, 5
- P?, 5
- PA, 5
- pA2A1A0E2E1E0, 6
- pa2a1a0e2e1e0, 6
- Pan Left, 5
- Pan Left - Nudge, 5
- Pan Left ##, 5
- Pan Right, 5
- Pan Right - Nudge, 6
- Pan Right ##, 6
- Pan Stop, 5
- Pan/Tilt Go-To Command, 6
- Pan/Tilt Position Request, 5
- PB, 5
- PF, 5
- ping, 1
- PL, 5
- PN, 5
- PR, 5
- Preset Position Status Request, 3
- Program Preset Position, 5
- Program Presets 1 to 10, 5
- PS, 5
- Query Devices in a Group, 1
- Query Groups, 3
- r, 6
- R0, 6
- R1, 6
- r1, 6
- r2, 6
- r3, 6
- R9, 6
- RC, 6
- Read Camera Address, 1
- Recalibrate, 6
- Remove Shutter, 6
- Request awake status, 1
- Request for current Status of Back Light, 1
- Request for current Status of Digital Zoom Range, 2
- Request for current Status of Focus Mode, 3
- Request for Current Status of Iris Mode, 4
- Request for current Status of Shutter, 6
- Request for current Status of White Balance, 7
- Request ID Information, 3
- Request Imager Status, 6
- Request Maximum Data Rate, 1
- Request State of Health, 6
- Reset (clear) Latch 1, 6
- Reset (clear) Latch 2, 6
- Reset (clear) Latch 3, 6
- Reset Control Receiver, 6
- Reset Receiver, 6
- Response to Return the current Status of Digital Zoom, 7
- Reticule Select, 6
- Reticule/Graticule Off, 6
- Return the current CamAddr in ASCII, 1
- Return the current Status of Back Light, 1
- Return the current Status of Focus Mode, 3
- Return the current Status of Iris Mode, 4
- Return the current Status of Shutter, 6
- Return the current Status of White Balance, 7
- rn, 6
- RS, 6

- rs, 6
- S, 1
- S0, 6
- S?, 6
- S#, 6
- Send Image, 2
- Set Auto Iris Mode, 4
- Set Auto-Move Speed, 1
- Set Brightness (Level) value, 1
- Set Communication Parameters, 1
- Set Compression Level, 1
- Set content of ID messages, 2
- Set Contrast (Gain) value, 3
- Set Device, 4
- Set Group ID, 3
- Set Latch 1, 5
- Set Latch 2, 5
- Set Latch 3, 5
- Set Lens Speed Fast, 5
- Set Lens Speed Slow, 5
- Set Manual Iris Mode, 4
- Set Narrow Field-of-View, 4
- Set Polarity Black = Hot, 3
- Set Polarity White = Hot, 3
- Set Quality Factor, 2
- Set Speed for Pan, 6
- Set Speed for Tilt Manual Moves, 2
- Set Wide Field-of-View, 5
- SF, 6
- SH, 6
- Shutter, 6
- SI, 6
- Software Reset, 6
- SR, 6
- SS, 6
- Store Auto-Scan Position A, 5
- Store Auto-Scan Position B, 5
- Store Preset ID display in the receiver, 2
- Store Preset Position, 5
- TD, 6
- TF, 6
- Tilt Down, 6
- Tilt Down - Nudge, 2
- Tilt Down ##, 2
- Tilt Stop, 6, 7
- Tilt Stop , 6
- Tilt Up, 7
- Tilt Up - Nudge, 7
- Tilt Up ##, 7
- TM, 6
- Toggle Auto/Manual Iris, 4
- Toggle Device Power On/Off, 5
- Toggle Lens Speed Slow/Fast, 4
- TS, 6, 7
- TU, 7
- Turn Device Power Off, 5
- Turn Device Power On, 5
- u, 7
- un, 7
- V, 7
- v, 7
- V?, 7
- vA2A1A0E2E1E0, 7
- vz2z1z0f2f1f0, 7
- W#, 7
- White Balance, 7
- WS, 7
- Xn, 7
- Z#, 7
- z#, 7
- ZI, 7
- ZO, 7
- Zoom In, 7
- Zoom Out, 7
- Zoom Stop, 7
- Zoom Tele, 7
- Zoom Wide, 7
- ZS, 7
- Zs, 7