

# HuddleCamHD

## VISCA Commands

### Command List (1/2)

Command Set	Command	Command Packet	Comments		
AddressSet	Broadcast	88 30 01 FF	Address setting		
IF_Clear	Broadcast	88 01 00 01 FF	I/F Clear		
CommandCancel		8x 2p FF	p: Socket No.(=1 or2)		
CAM_Power	On	8x 01 04 00 02 FF	Power ON/OFF		
	Off	8x 01 04 00 03 FF			
CAM_Focus	Stop	8x 01 04 08 00 FF			
	Far(Standard)	8x 01 04 08 02 FF			
	Near(Standard)	8x 01 04 08 03 FF			
	Far(Variable)	8x 01 04 08 2p FF			
	Near(Variable)	8x 01 04 08 3p FF	pqrs: Focus Position		
	Direct	8x 01 04 48 0p 0q 0r 0s FF			
	Auto Focus	8x 01 04 38 02 FF			
	Manual Focus	8x 01 04 38 03 FF			
CAM_ZoomFocus	Direct	8x 01 04 47 0p 0q 0r 0s	pqrs: Zoom Position		
		0t 0u 0v 0w FF	tuvw: Focus Position		
CAM_WB	Auto		Normal Auto		
	Indoor		Indoor mode		
	Outdoor		Outdoor mode		
	One Push WB		One Push WB mode		
	Manual		Manual Control mode		
	One Push Trigger		One Push WB Trigger		
CAM_AE	Full Auto	8x 01 04 39 00 FF	Automatic Exposure mode		
	Manual	8x 01 04 39 03 FF	Manual Control mode		
	Shutter Priority	8x 01 04 39 0A FF	Shutter Priority Automatic Exposure mode		
	Iris Priority	8x 01 04 39 0B FF	Iris Priority Automatic Exposure mode		
CAM_Shutter	Direct	8x 01 04 4A 00 00 0p 0q FF	pq: Shutter Position		
CAM_Iris	Direct	8x 01 04 4B 00 00 0p 0q FF	pq: Iris Position		
CAM_Backlight	On	8x 01 04 33 02 FF	Back Light Compensation ON/OFF		
	Off	8x 01 04 33 03 FF			
CAM_Memory	Reset	8x 01 04 3F 00 0p FF	p: Memory Number (=1 to 3F)		
	Set	8x 01 04 3F 01 0p FF	Corresponds to 1 to 9 on the Remote Commander.		
	Recall	8x 01 04 3F 02 0p FF			
VideoSystem SET		8x 01 06 35 00 0p FF	p	Video format	Output connector
			1	1920×1080p/30	HD-SDI
			2	1920×1080i/60	
			3	1280×720p/60	
			9	1920×1080p/25	

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## Command List (1/2)

Command Set	Command	Command Packet	Comments		
			A	B	D
			A	1920×1080i/50	
			B	1280×720p/50	
			D	1920×1080p/24	
IR_Receive	On	8x 01 06 08 02 FF	IR(remote commander) receive ON/OFF		
	Off	8x 01 06 08 03 FF			
Color system	RGB	8x 01 7E 01 03 00 00 FF	Color-reproduction format setting for VIDEO signals		
	YPbPr	8x 01 7E 01 03 00 01 FF			
Pan-tiltDrive	Up	8x 01 06 01 VV WW 03 01 FF	VV: Pan speed 0 x01 (low speed) to 0 x18 (high speed) WW: Tilt Speed 0 x 01 (low speed) to 0 x14 (high speed) YYYY: Pan Position 0000 to 07E0 (left 0000) ZZZZ: Tilt Position 0000 to 01C8 (down 0000)		
	Down	8x 01 06 01 VV WW 03 02 FF			
	Left	8x 01 06 01 VV WW 01 03 FF			
	Right	8x 01 06 01 VV WW 02 03 FF			
	UpLeft	8x 01 06 01 VV WW 01 01 FF			
	UpRight	8x 01 06 01 VV WW 02 01 FF			
	DownLeft	8x 01 06 01 VV WW 01 02 FF			
	DownRight	8x 01 06 01 VV WW 02 02 FF			
	Stop	8x 01 06 01 VV WW 03 03 FF			
	AbsolutePosition	8x 01 06 02 VV WW 0Y 0Y 0Y 0Y 0Z 0Z 0Z 0Z FF			
	RelativePosition	8x 01 06 03 VV WW 0Y 0Y 0Y 0Y 0Z 0Z 0Z 0Z FF			
	Home	8x 01 06 04 FF			
Reset	8x 01 06 05 FF				
Pan-tiltLimitSet	LimitSet	8x 01 06 07 00 0W 0Y 0Y 0Y 0Y 0Z 0Z 0Z 0Z FF	W: 1 UpRight 0: DownLeft YYYY: Pan Position 0000 to 07E0 (left 0000)		
	LimitClear	8x 01 06 07 01 0W 07 0F 0F 0F 07 0F 0F 0F FF	ZZZZ: Tilt Position 0000 to 01C8 (down 0000)		

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## Inquiry Command List (1/1)

Inquiry Command	Command Packet	Inquiry Packet	Comments
CAM_PowerInq	8x 09 04 00 FF	y0 50 02 FF	On
		y0 50 03 FF	Off (Standby)
		y0 50 04 FF	Internal power circuit error
CAM_ZoomPosInq	8x 09 04 47 FF	y0 50 0p 0q 0r 0s FF	pqrs: Zoom Position
CAM_FocusModeInq	8x 09 04 38 FF	y0 50 02 FF	Auto Focus
		y0 50 03 FF	Manual Focus
CAM_WBModeInq	8x 09 04 35 FF	y0 50 00 FF	Auto
		y0 50 01 FF	In Door
		y0 50 02 FF	Out Door
		y0 50 03 FF	One Push WB
		y0 50 05 FF	Manual
CAM_AEModeInq	8x 09 04 39 FF	y0 50 00 FF	Full Auto
		y0 50 03 FF	Manual
		y0 50 0A FF	Shutter Priority
		y0 50 0B FF	Iris Priority
CAM_ShutterPosInq	8x 09 04 4A FF	y0 50 00 00 0p 0q FF	pq: Shutter Position
CAM_IrisPosInq	8x 09 04 4B FF	y0 50 00 00 0p 0q FF	pq: Iris Position
CAM_BacklightModeInq	8x 09 04 33 FF	y0 50 02 FF	On
		y0 50 03 FF	Off
CAM_VersionInq	8x 09 00 02 FF	y0 50 00 01 mn pq rs tu vw FF	1920×1080p/24
Video SystemInq	8x 09 06 23 FF		Video format
		y0 50 01 FF	1920×1080p/30
		y0 50 02 FF	1920×1080i/60
		y0 50 03 FF	1280×720p/60
		y0 50 09 FF	1920×1080p/25
		y0 50 0A FF	1920×1080i/50
		y0 50 0B FF	1280×720p/50
		y0 50 0D FF	
Pan-tiltPosInq	8x 09 06 12 FF	y5 50 0w 0w 0w 0w 0z 0z 0z 0z FF	www = Pan Position zzz = Tilt Position Speed
Color system Inq	8x 09 7E 01 03 FF	y0 50 00 FF	RGB
		y0 50 01 FF	YPbPr