



## Camera

Embedded software: HD video conferencing dedicated camera embedded software V2.0  
(30X, 1080P full HD, wide viewing angle, multi-interface, multi-protocol)

### TV-630HC



#### Description:

With completed function, excellent performance, rich interface, vivid image, uniform screen brightness, strong light level effect, high definition, good color reducibility. Applicable to remote education, teaching recording and broadcasting, conference system, remote training, telemedicine, trial system, emergency command system and other applications.

#### Feature:

- \* Full HD image: adopt 1/2.7 inch high-quality image sensor, the max resolution up to 1920×1080, the output frame rate up to 60 FPS.
- \* Various control protocol: support VISCA, PELCO-D, PELCO-P protocol.
- \* Support AAC audio coding, better sound quality and smaller bandwidth usage.
- \* High-definition cameras that support H.265 encoding can achieve full HD 1080p ultra-low bandwidth transmission.
- \* The new CMOS image sensor with ultra-high SNR can effectively reduce image noise under low illumination conditions. It uses 2D and 3D noise reduction algorithms to greatly reduce image noise. Even under ultra-low illumination, the picture remains clean and clear, and the image SNR is greater than 55dB.
- \* Support HDMI HD output, and 3G-SDI interface. The effective transmission distance is up to 150 meters (1080p30). HDMI, SDI, and network can be output at the same time.
- \* Adopt high-quality super telephoto lens, zoom up to 30 times.
- \* Adopt RS232 and RS485 serial ports for camera control.



## Camera

Embedded software: HD video conferencing dedicated camera embedded software V2.0  
(30X, 1080P full HD, wide viewing angle, multi-interface, multi-protocol)

### TV-630HC



#### Specification:

Model	TV-630HC
Image sensor	1/2.7 inch, CMOS sensor.
Effective pixels	2.07 million
Scanning mode	Line-by-line
Video signal	HD:1080p/60,1080p/50,1080i/60,1080i/50,1080p/30,1080p/25,720p/60,720p/50,720p/30,720p/25 SD:480i,576i
Lens zoom	30x,f4.42mm~132.6mm,F1.8~F2.8
Digital zoom	8x
Min Illumination	0.5Lux(F1.8, AGC ON)
Shutter	1/30s ~ 1/10000s
White Balance	Automatic, indoor, outdoor, one-key, manual, specified color temperature
Focus	Automatic/ manual/one key focus
BLC	Support
Digital noise reduction	2D&3D digital noise reduction
SNR	>55dB
Horizontal viewing angle	60.7°~2.28°
Vertical viewing angle	34.1°~1.28°
Horizontal rotation	±170°
Vertical rotation	-30°~+90°
Horizontal rotation speed	1.7°~100°/s
Vertical rotation speed	1.7°~69.9°/s
Flip horizontally and vertically	Support
Image freeze	Support
Local storage	Support
Number of preset positions	255
Preset position accuracy	0.1°
Video coding standard	H.265/H.264/MJPEG
Video stream	Main stream, auxiliary stream
Main stream resolution	1920x1080, 1280x720, 1024x576, etc.
Auxiliary stream resolution	720x576, 720x480, 320x240, etc.
Video bit rate	32Kbps~20480Kbps
Rate control	Variable bit rate, fixed bit rate
Frame rate	50Hz: 1fps~50fps, 60Hz: 1fps~60fps
Audio compression standard	AAC
Audio bit rate	96Kbps, 128Kbps, 256Kbps
Protocol support	TCP/IP, HTTP, RTSP, RTMP, Onvif, DHCP, multicast, etc.
HD output	1 channel, HDMI: version 1.3; 1 channel, 3G-SDI: BNC type, 800mVp-p, 75Ω, SMPTE424M standard
SD output	1 channel, CVBS: 3.5mm diameter mini jack, 1Vp-p, 75Ω
Network interface	1 channel, RJ45: 10M/100M adaptive Ethernet port
Audio port	1 channel, LineIn, 3.5mm audio interface
USB interface	1 channel, USB2.0, type A socket
Communication Interface	1 channel, RS232In: 8-pin small DIN, maximum distance: 30 meters, VISCA/Pelco-D/Pelco-P protocol 1 channel, RS232Out: 8-pin small DIN, maximum distance: 30 meters, VISCA protocol networking 1 channel, RS485: 2-core Phoenix port, maximum distance: 1200 meters, VISCA/Pelco-D/Pelco-P protocol
Power connector	JEITA type (DCIN12V)
Input voltage	DC12V
Input current	1.0A (maximum)
Operating temperature	-10°C~40°C
Storage temperature	-40°C~60°C
Power consumption	12W (maximum)
Dimension	169mmx142mmx164mm
Net weight	1.35kg
POE supply	Support