



## Camera

**Embedded software: USB camera embedded software V2.0 in HD video conferencing**  
**((20X, 1080P full HD, high performance, wide perspective, big zoom)**  
 (support 1080P/60, 1080P/50, 1080i/60, 1080i/50, 1080P/30, 1080P/25, 720P/60, 720P/50, 720P/30, 720P/25) )  
**TV-620USB**



### Feature:

- \* The world's first conferencing camera which support H.265 encoding, can achieve full HD 1080p ultra-low bandwidth transmission.
- \* Use the new generation Panasonic 1/2.7 inch, 2.07 million effective pixels high-quality HD CMOS sensor, can achieve max 1920x1080 high-resolution high-quality image.
- \* 20× optical automatic zoom lens, 32× electronic zoom, focal length: f4.42mm ~ 88.5mm, F1.8 ~ F2.8.
- \* Ultra-high SNR new CMOS image sensor can effectively reduce image noise in the case of the low illumination, while use the 2D and 3D noise reduction algorithm to reduce the image noise significantly .
- \* Supporting USB3.0 interface, it can transmit uncompressed original video image, while compatible with USB2.0.
- \* USB3.0 interface support output 1080p/60, 1080p/50, 1080p/30, 1080p/25, 720p/60, 720p/50, 720p/30, 720p/25 video format.
- \* USB2.0 interface support output 1080p/10, 720p/25, 960x540p/30, 960x540p/25, 640x360p/60, 640x360p/50 video format.
- \* Support HDMI high-definition output, USB3.0, HDMI, network output at the same time.
- \* HDMI interface supports output 1080p/60, 1080p/50, 1080i/60, 1080i/50, 1080p/30, 1080p/25, 720p/60, 720p/50, 720p/30, 720p/25 video format.
- \* Use RS232 and RS485 serial port to control the camera, support remote camera position preset and call, wide range, high speed, low noise control camera translation / tilt / zoom.
- \* The position can be pre-set, including the level, pitch, zoom to preset, max 255 preset, support power-down save.
- \* Support image level, vertical flip, image freeze, face detection, backlight compensation, 2D & 3D digital noise reduction function.
- \* Support local storage function, without NVR can realize U disk local directly recording.
- \* Horizontal viewing angle 60.7°~ 3.36°, horizontal rotation angle -170°~ + 170°, vertical rotation angle -35°~ + 90°, horizontal speed 1.7°~100°/s, vertical Speed 1.7°~69.9°/s.

### Specification:

Input / Output Interface	
Video interface	HDMI/USB3.0/USB2.0
Audio interface	1 Line in 3.5mm
Control interface	1 RS232 In / 1 RS232 Out / 1 RS485 In / 1 RS485 Out
Network interface	1 RJ45
Power interface	JEITA type power socket
Electrical Characteristics	
Power adapter	AC110V-AC220V to DC12V/2.5A
Input voltage	DC12V(DC11.5-DC12.5V)
Power consumption	12W(MAX)
Physical Characteristics	
Relative humidity	10%~85%
Operating temperature	0°C~+45°C
Size (W×H×D)	169mm×142mm×164mm
Weight	1.35Kg