

Camera TV-612HS



Features:

1. Using a 1/2.8-inch, high-quality sensor with 2.07 million effective pixels, the maximum resolution can reach 1920×1080, and the output frame rate can reach up to 60 frames/second.
2. Using a 72.5° high-quality ultra-wide-focus lens, the optical zoom reaches 12 times.
3. Supports AAC audio encoding, with better sound quality and smaller bandwidth usage.
4. that support H.26 4 encoding can achieve full HD 1080p ultra-low bandwidth transmission.
5. Supports local storage function, enabling local direct recording to USB flash drive without NVR.
6. ultra-high signal-to-noise ratio can effectively reduce image noise in low illumination situations. It also applies 2D and 3D noise reduction algorithms to significantly reduce image noise. Even in ultra-low illumination situations, the image is still clean and clear. , the image signal-to-noise ratio is as high as 55dB or more.
7. Using RS232 and RS485 serial ports, the camera can be controlled.

Technical Parameters:

model	TV - 612HS
Image Sensor	1/2.8 inches , CMOS
Effective Pixels	2.07 million
scanning method	line by line
signal system	HD: 1080p/60, 1080p/50, 1080i/60, 1080i/50, 1080p/30, 1080p/25, 720p/120 (network support only) , 720p/60, 720p/50, 720p/30 , 720p/25 , 640x480p/240 (Only network support, optional); SD : 480i , 576i

lens	12x, f3.5mm~42.3mm, F1.8~F2.8
digital zoom	16x
Minimum illumination	0.5Lux@(F1.8,AGCON)
shutter	1/30s~1/10000s
white balance	Automatic , indoor, outdoor, one-touch, manual, specified color temperature
BLC	support
digital noise reduction	2D&3D digital noise reduction
signal-to-noise ratio	≥55dB _
horizontal field of view	72.5°~6.9°
vertical field of view	44.8°~3.9°
Horizontal rotation range	±170°
vertical rotation range	-30°~+90°
Horizontal rotation speed range	1.7°~100°/s
Vertical rotation speed range	1.7°~69.9°/s
Flip horizontally and vertically	support
image freeze	support
PoE powered	support
local storage	support
Number of preset positions	255
Preset position accuracy	0.1°
video coding standards	H.264/MJPEG
Video stream	Main code stream , auxiliary code stream
Main stream resolution	1920x1080,1280x720,1024x576 , etc.
Secondary stream resolution	720x576,720x480,320x240 , etc.
Video bit rate	32Kbps~20480Kbps
rate control	variable code rate , fixed code rate

VHD-V61S frame rate	50Hz:1fps~50fps, 60Hz:1fps~60fps, 720p120
audio compression standard	AAC
Audio bit rate	96Kbps,128Kbps,256Kbps
supporting agreement	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, follow SMPTE424M standard
SD output	1 way , 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 way , 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 , for VISCA protocol networking; 1 channel , RS485: 2- core Phoenix port , maximum distance : 1200 meters , VISCA/Pelco-D/Pelco-P protocol
Power interface	JEITA type (DCIN12V)
Input voltage	DC12V
Input Current	1.0A (maximum)
Operating temperature	-10℃~40℃
stored temperature	-40℃~60℃
Power consumption	12W (maximum)
Package Size	222 × 222 × 240mm
size	169 × 142 × 164mm
gross weight	2.03kg
net weight	1.35kg