



Feature

- * The built-in 1/2.8-inch 2.07 million-pixel image sensor, with a maximum resolution of 1920×1080 and a maximum output frame rate of 60 frames per second, can present realistic high-definition video images.
- * Using a 72.5° high-quality ultra-wide-angle lens, it supports 12× optical zoom and 10× digital zoom.
- * Using 2X2MIMO+TDMA technology, omnidirectional dual antennas, the maximum transmission rate is 300Mbps, and the transmission distance reaches 100 meters. Support automatic networking function, support automatic allocation of IP addresses on the same network segment as the AP.
- * Support TDMA time division multiple access technology; support encrypted transmission through wireless private network and private protocol, making information transmission more confidential and safer; realize stronger anti-interference ability, high frequency utilization rate, large system capacity, sufficient bandwidth, and high stability.
- * The built-in battery supports continuous power supply for up to 5 hours; the battery power status can be viewed at any time.
- * Using advanced auto-focus algorithm, the lens can complete auto-focus quickly, accurately and stably.
- * The brand-new CMOS image sensor with ultra-high signal-to-noise ratio can effectively reduce image noise in low-light conditions. The application of 2D and 3D noise reduction algorithms also greatly reduces image noise. Even in ultra-low-light conditions, the picture remains clean and clear, and the image signal-to-noise ratio reaches above 50dB.
- * Support ONVIF, GB/T28181, RTSP, RTMP and other network protocols. In RTMP push mode, it can easily link streaming media servers (Wowza, FMS); in RTP multicast mode, it supports network full-command VISCA control protocol.
- * Support up to 255 presets (10 for remote control settings).

Specification

Model	TV-612WT
Image sensor	1/2.8-inch high quality CMOS sensor
Effective pixel	2.07 million, 16:9
SDI output	1080P60/50/30/25/59.94/29.97; 1080I60/50/59.94;720P60/50/30/25/59.94/29.97
LAN output	Support up to 1920*1080@60fps
Optical zoom	12× optical zoom lens, f = 3.9mm~46.8mm
Viewing angle	6.3° (Narrow Angle)~72.5° (Wide Angle)
Aperture factor	F1.8~F2.4
Digital zoom	10× digital zoom
Minimum illumination	0.5Lux(F1.8,AGC ON)
Digital noise reduction	2D&3D digital noise reduction
White balance	Auto/Manual/One-key White Balance/Specified White Balance
Focus	Auto/Manual/One-key Focus
Aperture	Auto/Manual
Electronic shutter	Auto/Manual
BLC	On/Off
Dynamic range	Off/Dynamic Level Adjustment
Video adjustment	Brightness, hue, saturation, contrast, sharpness, black&white mode, gamma curve
SNR	>50dB
Video output interface	SDI, LAN, WiFi (Radio Frequency)
Image stream	Dual stream output



Video encoding format (LAN)	Support H.265, H.264+
Audio input interface (A-IN)	Dual channel 3.5mm line input
Audio output interface	SDI and LAN audio output
Audio compression format	AAC, MP3, G.711A
Network interface	1000M network port (10/100BASE-TX)
Network protocol	RTSP, RTMP, ONVIF, GB/T28181; support network VISCA control protocol; support remote upgrade, remote restart, remote reset
Control protocol	Protocol: VISCA/Pelco-D/Pelco-P; Baud rate: 115200/9600/4800/2400
Power adapter	Input AC100V-240V; Output DC12V/5A
Power consumption	13W (Maximum)
Pan rotation	-170°~+170°
Tilt rotation	-30°~+90°
Pan speed	0.1~60°/S
Tilt speed	0.1~30°/S
Presets speed	Pan: 60°/S, Tilt: 30°/S
Presets quantity	Support up to 255 presets (10 for remote control)
Frequency range	4900-6100MHz
Transmit power	0-30dBm
RF bandwidth	20M/40MHZ/10MHZ
Modulation mode	OFDM-BPSK, QPSK, 16QAM, 64QAM
Sensitivity	-66dBm@108Mbps; -69dBm@54Mbps; -88dBm@6Mbps
Max transmission distance	Within 100M
Transmission physical rate	300Mbps
DHCP function	The IP address of the same network segment is automatically assigned from the AP side
NAT function	Support
Communication protocol	TCP/IP, UDP
802.1X authentication	Support
Data encryption	Support WPA-PSK/WPA2/CCMP(AES)
Data compression	Support
Wired LAN connection	1x10/100M Base-TX(Cat,5/5E,RJ-45) dual network ports
Wireless LAN connection	Point-to-point, point-to-multipoint, WDS
Working temperature	-10°C~+40°C
Working humidity	20%~80%
Dimension (L*W*D)	149mm×214mm×198mm
Use environment	Indoor
Product size	149*214*198
Net weight	2.5kg