



# Camera

## TV-650GC



### Description:

The HD camera has complete functions, excellent performance, and rich interfaces; it adopts advanced ISP processing technology and algorithms to achieve vivid image effect, uniform picture brightness, strong light color level, high definition, and good color reproduction. Support H.265/H.264 encoding, even in low bandwidth, the image picture is smooth and clear. It is suitable for remote education, teaching recording, conference system, remote training, Telemedicine, court trial system, emergency command system, etc.

### Feature:

- \* The 1.8-in\* Support H.265/H.264 video compression, support AAC, MP3, G711 audio compression.
- \* Using 1/2.8 inch high-quality image sensor, the maximum resolution can reach 1920x1080, can transmit full HD images, and the output frame rate is up to 60 frames per second.
- \* Adopt low-noise CMOS to effectively guarantee the ultra-high signal-to-noise ratio of the camera video. Advanced 2D and 3D noise reduction technology further reduces noise while ensuring image clarity.
- \* Support a variety of video output interfaces, including 3G-SDI, and wired LAN. 3G-SDI supports transmission of 100 meters in 1080P60 format.
- \* Support ONVIF, GB/T28181, RTSP, RTMP network protocols, and support RTMP push mode to easily connect to streaming media servers (Wowza, FMS); support RTP multicast mode.
- \* Support VISCA, PELCO-D, PELCO-P control protocol, support automatic identification protocol. Support network full command VISCA control protocol.

### Specification:

Model	TS-0650B
Image sensor	1/2.8 inch high quality CMOS sensor
Effective pixels	2.07 million (16:9)
Video signal	1080P60/30/25/59.94/29.97; 1080I60/50/59.94; 720P60/30/25/59.94/29.97;
Zoom	3x optical zoom; focal length: 2.5mm--12mm
Horizontal field	106°-32°
Minimum illumination	0.5Lux(F1.8, AGC ON)
Digital noise reduction	2D&3D digital noise reduction
White balance	Manual/Auto/One-key white balance/3000K/3500K/4000K/4500K/5000K/5500K/6000K/6500K/7000K
BLC	Support
Video adjustment	Brightness, chroma, saturation, contrast, sharpness, black and white mode, gamma curve
SNR	>55dB
Video interface	SDI, LAN, A-IN
Image stream	Dual stream output
Video adjustment	Brightness, chroma, saturation, contrast, sharpness, black and white mode, gamma curve
Video compression format	H.265, H.264
Control signal interface	RS-232, RS-485
Network protocol	RTSP, RTMP, ONVIF, GB/T28181; support remote upgrade and remote reset; support network full command VISCA control protocol
5-phase control button	Up, down, left, right, and confirm five-position control buttons, which can be used to call and set the camera menu;
Audio input interface	A-IN, dual-channel 3.5mm linear input
Audio compression format	AAC, MP3, G711
Network interface	100M network port (10/100BASE-TX)
Power interface	HEC3800 power socket (DC12V)
Power adapter	Input AC110V-AC220V, output DC12V/1A
Input current	400mA (maximum)
Power consumption	4.8W (maximum)
Operating temperature	-10 C ~+50 C
Operating humidity	20%~80%
Dimensions (W × H × D)	155mm×142mm×155mm
Weight	About 0.5kg