Camera

TV-650YC

Description

*This PTZ camera has perfect functions, excellent performance and rich interface. With advanced ISP processing technology and algorithm,it makes the image vivid, the brightness of the picture is uniform, strong light color layer,high definition,and the color reproduction is good. Supporting H.265/H.264 encoding, even at low bandwidth, the image is smooth and clear. Suitable for remote education, teaching and recording, conference systems, remote training, telemedicine, trial systems, emergency command systems systems,etc.

Feature

* Supporting H.265/H.264 video compression, and AAC, MP3, G711 audio compression.
* Adopting 1/2.8-inch high-quality image sensor, with a maximum resolution of 1920x1080, capable of transmitting full HD images with an output frame rate which up to 60 frames per second.
* With 12x optical zoom lens, the lens has a 72.5° distortion-free viewing angle.
* Adopting advanced autofocus algorithm ,the camera autofocus is fast, accurate and stable.
* With low noise CMOS,it effectively guarantee the ultra-high signal-to-noise ratio of camera video. Adopting advanced 2D and 3D noise reduction technology ,which further reduces noise while ensuring image clarity.
* Supporting 16000Hz, 32000Hz, 44100Hz, 48000Hz sampling frequency, and AAC, MP3, G711 audio coding.
* High-precision stepper motor and precision motor drive controller ensure stable and low-speed operation of the pan/tilt and no noise.
* Supporting multiple video output interfaces, including HDMI, 3G-SDI, wired LAN.
* Supporting ONVIF, GB/T28181, RTSP, RTMP network protocol, RTMP push mode, easy to link streaming media server (Wowza, FMS).
* The user can select an infrared remote control or a wireless remote control depending on the environmental conditions used. 2.4G wireless remote control is not affected by angle, distance and infrared interference. Supporting remote control signal transmission function, convenient for back-end devices.
* Supporting low-power sleep/wake-up, power consumption less than 400mW during sleep.
* Supporting VISCA, PELCO-D, PELCO-P control protocol, automatic identification protocol. and network full command VISCA control protocol.
* Supporting RS232 cascading, easy installation and operation
* Supporting 255 preset positions (10 preset positions can be chosen by remote control).

Model	TV-650YC
Image Sensor	1/2.8 inch high quality CMOS sensor
Effective Pixels	2.07 million (16:9)
Video signal	1080P60/50/30/25/59.94/29.97, 1080I60/50/59.94, 720P60/50/30/25/59.94/29.97
Lens optical zoom	12x optical zoom; f=3.9~46.1mm
Viewing angle	6.3° (narrow angle) 72.5° (wide angle)
Aperture coefficient	F1.8 - F2.4
Digital zoom	10X
Minimum illumination	0.5Lux(F1.8, AGC ON)
Digital noise reduction	2D & 3D Digital noise reduction
White balance	Manual/Auto/One button white balance/3000K/ 4000K/5000K/6500K
BLC	Support
Video adjustment	Brightness, chroma, saturation, contrast, sharpness, black and white mode, gamma curve
SNR	>55dB
Video interface	HDMI, 3G-SDI, LAN
Image code stream	Dual stream output
Video compression format	H.265, H.264
Signal control interface	RS-232 (with loop-through RS232 output), RS-485
Control protocol	Protocol:VISCA/Pelco-D/Pelco-P; Baud rate: 115200/9600/4800/2400bps
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), supporting network VISCA control protocol
Network protocol	RTSP, RTMP, ONVIF, GB/T28181
Power interface	HEC3800 power socket (DC12V)
Horizontal rotation	-170°~+170°
Pitch rotation	-30°~+90°
Horizontal control speed	0.1 ~60°/S
Pitch control speed	0.1~30°/S
Preset speed	Level: 60°/sec, pitch: 30°/sec
Number of presets	Users can set 255 preset positions (10 preset positions for remote controls)
Power Adapter	Input AC110V-AC220V Output DC12V/1.5A
Input current	1A(Max)
Power consumption	12W(Max)
Working temperature	-10℃~+50℃
Working humidity	20%~80%
Size(W*H*D)	150mm×150mm×167.5mm
Weight(About)	1.4kg
Remote maintenance (network interface)	Remote upgrade, remote restart, remote reset