

PTZ CAMERA: - ATVI 2100 SERIES



HD VIDEO CONFERENCE CAMERA AT2100 SERIESV SERIES

Full HD Image

Multiple Optical Zoom

Rich Video interface

Easy Installation

Description:-ATVI - AT2100V SERIES

The AT2100 SERIES SERIEA series camera offers perfect functions, superior performance and rich interfaces. **Key Features.**

FEATURES	SPECIFICATION
Superb High-definition Image	AT2100 SERIES employs 1/2.8 inch high quality CMOS sensor. Resolution is up to 1920x1080 with frame rate up to 60fps.
Leading Auto Focus Technology	Leading auto focus algorithm makes lens a fast, accurate and stable auto-focusing.
Low Noise and High SNR	Low Noise CMOS effectively ensure high SNR of camera video. Advanced 2D/3D noise reduction technology is also used to further reduce the noise, while ensuring image sharpness.
Audio Input Interface (for future development)	Support 16000, 32000, 44100, 48000 sampling frequency and AAC, MP3, PCM audio coding
Wide-range, Quiet and Quick Pan/Tilt Mechanism	By adopting step driving motor mechanism, AT2100 SERIES camera works extremely quiet and moves smoothly Support H.264/H.264+ video compression; AAC, MP3 and PCM audio compression; Support compression of resolution up to 1920x1080 with frame up to 60fps and 2 channel 1920x1080p with 30fps compression.
Wide Application	Tele-education, Lecture Capture, Webcasting, Videoconferencing, Tele-training, Tele-medicine, Interrogation and Emergency command systems.
Multiple Network Protocol	Support NDI, ONVIF, RTSP, RTMP protocols and support RTMP push mode, easy to link streaming media server (Wowza, FMS)
Focus Autofocus to intelligently adjust the camera lens to obtain clear picture of the object.	Automatic/Manual

Back light compensation Adjust the exposure of the entire image to properly expose the subject in the foreground. The subject would appear clearly	On/OFF function
Camera Preset Easy to move focus to predefined view.	255 preset (10 preset by Remote control)
Plug & Play Just plug in your device on CPU and it is ready to use. No waste of time installing driver etc..	USB connection to CPU.
Lan Connection Can be connected on network directly or through MCU.	90M Lan Port

Technical Specification

Model	AT2100 -05X	AT2100V -10X	AT2100V1 -12X	AT2100V2-20X	AT2100V3-30X
Camera Parameter					
Optical Zoom	5X f=3.6~ 15.5mm	10X f=4.7~ 47mm	12X f=3.9~ 46.8mm	20X f=5.2~ 110mm	30X f=4.3~ 129mm
Sensor	1/2.8 inch high quality HD CMOS sensor				
Effective Pixels	16: 9, 2.07 megapixel				
Video Format	SDI video format 1080P60/50/30/25/59.94/29.97; 1080I60/50/59.94; 720P60/50/30/25/59.94/29.97				
View Angle	20°(tele) 83.7°(wide)	6.43°(tele) 60.9°(wide)	6.3°(tele) 72.5°(wide)	3.3°(tele) 54.7°(wide)	2.34°(tele) 65.1°(wide)
AV	F1.6 – F3.0	F1.6 – F3.0	F1.8 – F2.4	F1.6 – F3.5	F1.6– F4.7
Digital Zoom	10X				
Minimum Illumination	0.1Lux				
DNR	2D & 3D DNR				
White Balance	Auto / Manual/ One Push/ 3000K/ 4000K/5000K/6500K				
Focus/Aperture/Electronic Shutter	Auto/Manual				
BLC	ON/OFF				
WDR	OFF/ Dynamic level adjustment				
Video Adjustment	Brightness, Color, Saturation, Contrast, Sharpness, B/W mode, Gamma curve				
SNR	>55dB				

Input & output Interface

Video Interfaces	USB, LAN, HDMI ,RS232, Audio-In
Video Compression format	H.264, H.265, Dual stream output
Audio Input Interface	Double track 3.5mm linear input
Audio Compression format	AAC/MP3 Audio compression
LAN Port	Support VISCA protocol control through IP Port.
Network Protocol	RTSP,TRMP, ONVIF, GB/T28181

Format

Control Protocol	VISCA/Pelco-D/Pelco-P; Baud Rate:115200/9600/4800/2400bps
Audio Input Interface	Double track 3.5mm linear input
Audio Compression Format	AAC/MP3/PCM Audio compression
HD IP Interface	100M IP Port(100BASE-TX); Support VISCA protocol control through IP port.
Network Protocol	RTSP, RTMP, ONVIF, GB/T28181, NDI
Power Interface	HEC3800 Outlet (DC12V)

PTZ and other parameter

Pan/Tilt Rotation	+170 degree, -30 degree--+90 degree
Pan Control Speed	0.1—60 degree/sec
Present Speed	Pan:60 degree/sec, Tilt 30 degree/sec
Dimension	150mmX150mmX167.5mm
Weight	1.4Kg
Remote Operation (IP)	Remote Upgrade, Reboot and Reset

Other Parameter

Supply Adapter	AC110V-AC220V to DC12V/1.5A
Dimension	150mmX150mmX167.5mm
Weight	1.4KG
Remote Operation (IP)	Remote Upgrade, Reboot and Reset

Dimension (mm)

