

ATVI 2105

FULL HD PTZ VIDEO CAMERA

60 FPS, AUTO-TRACKING, POE

12X TO 30X

Great choice to track and capture the speaker in classrooms & conferences. POE for hassle free installation.

Advanced image processing & noise reduction

Power over Ethernet (PoE) or Adapter

1/2.8 inch CMOS sensor

Extremely quiet PTZ

60 fps frame rate

Multiple video compression formats

AI human detection with realtime zone tracking

Interfaces:
LAN, 1 x USB3.0, HDMI,
2 X RS 232, 1 X RS 485, SDI,
Audio Input 3.5 mm



TECHNICAL DATASHEET

FEATURE		SPECIFICATIONS
Model	AT2105-12X	AT2105-20X
Camera Parameter		
Optical Zoom	12X f=3.9~46.8mm	20X f=5.2~98mm
Sensor	1/2.8 inch high quality HD CMOS sensor	
Effective Pixels	16: 9, 2.07 megapixel	
Video Recording Format	HDMI/SDI video format 1080P60/50/30/25, 1080I60/50, 720P60/50, 1080P59.94, 1080I59.94, 1080P29.97, 720P59.94, 720P29.97 USB3.0 interface video format Main Stream - YUY2/MJPEG/NV12/H.264/H.265: 1920×1080P30,1280×720P30,1024×576P30,960×540P30,800×448P30,720×480P30,640×360P30, 640×480P30,320×176P30 Sub Stream - YUY2/NV12: 640×360P30,640×480P30,320×176P30 MJPEG/H.264/H.265: 1920×1080P30,1280×720P30, 1024×576P30,960×540P30,800×448P30,720×480P30,640×360P30 , 640×480P30,320×176P30	
Camera View Angle	6.3° (tele) 72.5° (wide)	3.2° (tele) 56° (wide)
AV	F1.8 – F2.4	F1.5 – F3.0
Minimum Illumination	0.5Lux (F1.8, AGC ON)	
DNR	2D & 3D DNR	
White Balance	Auto / Manual/ One Push/ Specify color temperature	
Focus/Aperture/	Auto/Manual/One Push Focus	
Electronic Shutter		
Exposure Mode	Auto/Manual/Shutter priority/Aperture priority/brightness priority	
Aperture	F1.8 ~ F11 CLOSE	
Shutter Speed	1/25~1/10000	
BLC	ON/OFF	

TECHNICAL DATASHEET

FEATURE	SPECIFICATIONS
DRC	OFF/ Dynamic level adjustment
Video Adjustment	Brightness, Colour, Saturation, Contrast, Sharpness, B/W mode, Gamma curve
SNR	≥55dB
Input/Output Interface	
Video Interfaces	AT2105-05/12/20/30-SU Model: HDMI, SDI, LAN(POE), RS232-IN/OUT, RS422 & RS485, A-IN, USB3.0(type B compatible with USB2.0), DC12V, power switch AT2105-05/12/20/30-U3 Model: HDMI, LAN(POE), RS232-IN/OUT, RS422 & RS485, A-IN, USB3.0(type B compatible with USB2.0), DC12V, power switch
Video Stream	Dual stream output
Video Compression Format	LAN Interface: H.265, H.264, dual stream output USB3.0 Interface: Main stream supports YUY2/MJPEG/H.264/NV12/H.265 Sub stream supports YUY2/MJPEG/H.264/NV12
Audio Input Interface	Double track 3.5mm linear input
Audio Output Interface	HDMI, SDI, LAN, USB3.0
Audio Compression Format	AAC
Network Protocol	RTSP, RTMP, ONVIF, GB/T28181, VISCA OVER IP, IP VISCA, RTMPS, SRT, NDI(Optional) Support remote upgrade, reboot and reset
Control Interface	RS232-IN, RS232-OUT, RS422 (compatible with RS485)
Control Protocol	VISCA/Pelco-D/Pelco-P, Baud Rate: 115200/38400/9600/4800/2400bps
Power Interface	HEC3800 outlet (DC12V)
Input Voltage	DC12V±10%v
Input Electric Current	Maximum: 1A
Power Consumption	Maximum: 12W
PTZ	
Pan/Tilt Rotation	±170°, -30°~+90°
Pan Control Speed	0.1 -100°/sec
Tilt Control Speed	0.1-45°/sec
Preset Speed	Pan: 100°/sec, Tilt: 45°/sec
Preset Number	255 presets (10 presets by remote controller)

FEATURE	SPECIFICATIONS
Parameter	
Stored Temperature	-10°C~+60°C
Storage Humidity	20%~95%
Working Temperature	-10°C~+50°C
Working Humidity	20%~80%
Dimension	181mmX115mmX149mm
Weight	1.15KG
Attachment	
Package	Power Supply, RS232 control cable, USB3.0 connection cable, Remote Control, User Manual
Optional Accessories	Ceiling / Wall Mount (Extra Cost)
Certification	BIS,CE,ROHS,FCC,NSIC

