

ATVI 2100

FULL HD PTZ VIDEO CAMERA

60 fps, 5X TO 30X ZOOM, 255 PRESET

A multipurpose workhorse for use in classrooms, conference, studio, etc. with smoother video experience.

12X (FOV 70.4°) to
30X (FOV 54.7°)
optical zoom

2D/3D image noise
reduction

1/2.8 inch CMOS
sensor

60 fps frame rate

Multiple protocols
support
NDI, ONVIF, RTSP,
RTMP,
RTMP Push etc.

1920 x 1080
resolution



TECHNICAL DATASHEET

FEATURE	SPECIFICATIONS				
Model	AT2100 V-05	2100V1- 10	2100V2-12	2100V3-20	2100V4-30
Camera, Len Parameter					
Sensor	1/2.8 inch high quality HD CMOS sensor.				
Effective Pixels	16: 9, 2.07 megapixel				
Video Format	DVI/HDMI/SDI/HDBaseT video format: 1080P60/50/30/25/59.94/29.97; 1080I60/50/59.94; 720P60/50/30/25/59.94/29.97 U3 interface video format: 1) U3: 1920X1080P60/50/30/25; 1280X720P60/50/30/25; 960X540P30; 640X360P30; 640X480P30; 352X288P30; 960X540P30; 800X600P30. 2) U3 compatible with U2: 960X540P30; 640X360P30; 1280X720P10/15; 720X576P50; 720X480P60; 640X480P30; 352X288P30; 800X600P30. U2 interface video format: 176x144/320x240/320x180/352x288/640x480/720x480/720x576/ 640x360/800X600/960X540/1024X576/1024X768/1280X720/1920X1 080P30/25/20/15/10/5				
View Angle	83.7	60.9	72.5°	54.7°	65.1
AV	F1.8- F2.8	F1.6-F3.0	F1.8 –F2.4	F1.6 – F3.5	F1.6 – F4.7
Digital Zoom	16X				
Minimum Illuminatio	0.5Lux (F1.8, AGC ON)				
DNR	2D & 3D DNR				
White Balance	Auto / Manual/ One Push/3000K/3500K/4000K/4500K/5000K/5500K/6000K/6500K/7000K				
Focus	Auto/Manual/A key focus				



DESIGN DATASHEET

FEATURE	SPECIFICATIONS
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 Output Interfaces	HDMI, SDI, LAN, USB3.0, USB2.0
Image Stream	Double stream output
Video Compression Format	H.264, H.265
Audio Input Interface	A-IN: Double track 3.5mm linear input
Audio Compression Format	AAC/MP3/G.711A
Lan Interface	100M IP port(100BASE-TX) 5G WiFi (optional) .
ControllInterface	RS232 (input & output),RS485
PTZ Parameter	
Pan/Tilt Rotation	$\pm 170^\circ$, $-30^\circ \sim +90^\circ$
Pan Control Speed	0.1 -60° /sec
Tilt Control Speed	0.1-30° /sec
Preset Speed	Pan: 60° /sec, Tilt: 30° /sec
Preset Number	255 presets (10 presets by remote controller)
Other Parameter	
Storage Temperature	-10°C ~ +60°C
Storage Humidity	20% ~ 95%
Working Temperature	-10°C ~ +50°C
Working Humidity	20% ~ 80%
Dimension	150mm × 150mm × 180mm(RF model)
Weight (around)	1.4KG

