



# Full HD PTZ Conference Camera

(ISP and Wide View Angle)



**VT-CA101P**

The VT-CA101P series camera offers perfect functions, superior performance and rich interfaces. The features include advanced ISP processing algorithms to provide vivid images with a strong sense of depth, high resolution, and fantastic color rendition.





VT-CA101P employs 1/2.9 inch high quality CMOS sensor. Resolution is up to 1920x1080 with frame rate up to 30fps.



Leading Auto Focus Technology

Advanced and leading algorithm enables the camera auto focus fast and accurately.



Multiple Optical Zoom: 3X and 10X optical zoom lens for selection.



Low noise CMOS ensures super high SNR image. The advanced 2D/3D noise reduction technology reduces the noise while ensuring high image clarity.



Extremely Quiet PTZ

Adopting step driving motor mechanism and motor drive controller with high precision is to ensure PTZ works smoothly with low speed and without noise.

Control Interface :RS485, RS232 in & out, support cascade connection.

Low-power Sleep Function:

Support low-power sleep/wake up, the consumption is lower than 400mW under sleep mode

Multiple Preset:Up to 255 presets (10 presets for IR remote control)

## Technical Specification

### Camera Parameter

Sensor:	1/2.9 Inch High Quality CMOS Sensor	Effective Pixels:	16: 9, 2.07 megapixel
Optical Lens(3x):	3X Optical Zoom f=3.35mm-10.05mm	Optical Lens(10x):	10X Optical Zoom f=4.34mm-41.66mm
View Angle(3x):	30° ~ 85°	View Angle(10x):	8.8° ~ 68.8°
Iris(3x):	F1.7-3.0	Iris(3x):	F1.85 – F2.43
Digital Zoom:	10X	Low Illumination:	0.5Lux (F1.8, AGC ON)
DNR:	2D & 3DDNR	White Balance:	Auto / Manual/ One Push//3000K~3500K
Focus:	Auto / Manual/ One Push	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:	>50dB		

### Input/Output Interface

Control Port:	RS232 in & out, RS485	Video Output:	USB2.0. Type A
Control Protocol:	VISCA/Pelco-D/Pelco-P	Video Compression:	H.265, H.264, MJPG

### PTZ Parameter

Pan/Tilt Rotation:	-170°~+170°, -30°~+90°	Pan/Tilt Controller Speed:	0.1~60°/Second, 0.1~30°/Second
Preset Speed:	Pan:60°/Second, Tilt: 30°/Second	Preset Numbers:	255 Presets (10 presets on IR Remote)