ValueSTek

4K Ultra HD Video Conference Camera

(4k and ISP)

VT-CA404P

The VT-CA404P series 4K ultra HD 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.

(NDI is optional.)

| 4K | HDMI | USB | NDI | FOCUS | 12X | PTZ | DNR |

VALUE SMART TECH CO.,LTD.

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SNR — Super high SNR image is achieved with low noise CMOS. The adoption of advanced 2D/3D noise reduction technology further reduces the noise while ensuring high image clarity.

PTZ — With high accuracy step driving motor, camera can pan / tilt extremely quiet and smooth.

FOCUS — Fast, accurate and stable auto focus is achieved with leading auto focus algorithm .

12X — Optical Zoom Lens: 12x optical zoom lens, with 80.4° FOV without distortion.

4K — Built with SONY high quality CMOS sensor, with resolution up to 4K@60fps.

Support ONVIF, GB/T28181, RTSP, RTMP protocols; support RTMP push mode, which can easily link with streaming media server (Wowza, FMS); support RTP multicast mode, support VISCA control protocol over Network.
Multiple Presets:Support up to 255 presets (10 presets by remote controller)
Wide Application:Tele-education, Lecture Capture, Webcasting, Videoconferencing, Tele-training, Tele-medicine, Interrogation and Emergency command systems

Technical Specification

Camera Parameter

Sensor:	1/2.5 Inch SONY High Quality 4K CMOS Sensor		
Effective Pixels:	8.51MP effective pixels, 16:9	Optical Zoom:	12X
Video Format:	HDMI video output format：4KP@60fps,1080P@60fps,720P@60fps； USB3.0 video output format：YUY2/NV12:1920×1080P30fps; MJPEG/H.264:3840×2160P30fps; USB2.0 video output from USB3.0YUY2/NV12:640×360P30fps;MJPEG/H.264:3840×2160P30fps.		
View Angler:	Horizontal: 7.59°（tele）～80.4°（wide）Tilt:4.6°（tele）～50.0°（wide）		
Focus：	f=3.85 mm～ 43.06 mm ±5%	Aperture：	F1.8 ～ F3.56±5%
Minimum Illumination:	0.5Lux (F1.8, AGC ON)	DNR:	2D &3D DNR (≥50dB)
White Balance:	Auto / Manual/ One Push/ Specified color temperature		
Focus：	Auto / Manual/ One Push	Iris：	F1.8 ～ F11、CLOSE
BLC:	ON/ OFF	Shutter Speed:	1/25～1/10000
Dynamic range:	OFF/ Dynamic level adjustment	Exposure mode:	Auto / Manual / Shutter Priority / Iris Priority / Whiteness Priority
Video Adjustment:	Brightness, Color, Saturation, Contrast, Sharpness, B/W mode, Gamma curve		

Input/Output Interface

Control Interface:	RS232(in & out), RS422(work with RS485)	Audio Input:	A-IN, Double track 3.5mm linear Input
Lan Interfacee:	10M/100M/1000M, support POE	Audio Output:	HDMI, LAN(POE), USB3.0
Video Output:	HDMI , LAN (POE),USB3.0 Interface (type B, compatible with USB2.0), A-in RS232(in & out), RS422(work with RS485), Rotary dial switch, DC12V, power on		

PTZ Parameter

Pan/Tilt Rotation:	±110°, -30°～+30°	Pan Control Speed:	0.1 - 100°/sec
Preset Speed:	Pan: 100°/sec, Tilt: 70°/sec	Tilt Control Speed:	0.1- 70°/sec
Preset Number:	255 presets (10 presets via remote control)		