

VX701TA

4K30P Professional PTZ Camera With HDBaseT

4K / 12x Optical Zoom / HDMI+LAN+HDBaseT



Product Features

● 4K UHD

1/2.5-inch UHD CMOS sensor with up to 8.51 megapixels offers 4K (3840x2160) UHD images. Moreover, it's downward compatible with 1080P, 720P and other resolutions.

● HDBaseT Supported

Connect CAT5e/6 cable between HDBaseT interface and connector to transmit 4K30P videos uncompressed to a distance of up to 70 m; furthermore, it can provide power (POE) and other control signal channels.

● Multiple Interfaces

Simultaneous outputs of 4K videos (via HDBaseT, HDMI, and network) are supported.

● 71° Wide-angle Lens+12x Optical Zoom

The exclusively customized high-quality 4K ultra-wide-angle lenses with a real ultra-high resolution of 8 megapixels offer a 12x optical zoom and a Horizontal FOV of up to 71°.

● Low Illumination

The new CMOS sensor with ultra-high SNR effectively reduces the image noise at under Low Illumination, while 3D noise reduction algorithms are used to greatly reduce the image noise and have clear images with SNR up to 55 dB or higher under extreme Low Illumination.

● Remote Control

Through the RS232 and RS485 serial ports, the camera can be controlled remotely.

Product Specifications

Camera

Signal System	HDMI: 4K/30, 4K/29.97, 4K/25; 1080p/60, 1080p/59.94, 1080p/50, 1080p/30, 1080p/29.97, 1080p/25, 1080i/60, 1080i/59.94, 1080i/50, 720p/60, 720p/59.94, 750p/50; HDBaseT: 4K/30, 4K/29.97, 4K/25, 1080p/60, 1080p/59.94, 1080p/50, 1080p/30, 1080p/29.97, 1080p/25, 1080i/60, 1080i/59.94, 1080i/50, 720p/60, 720p/59.94, 720p/50
Sensor	1/2.5 inches, CMOS, Effective Pixels: 8.51 Megapixels
Scanning Mode	Progressive
Focal length	12x, f=4.4mm ~ 52.8mm, F1.8 ~ F2.6
Digital Zoom	16x
Minimum Illumination	0.5 Lux @ (F1.8, AGC ON)
Shutter	1/30s ~ 1/10000s
White Balance	Auto, Indoor, Outdoor, One Push, Manual, VAR
Backlight Compensation	Support
Digital Noise Reduction	3D Digital Noise Reduction
SNR	≥ 55dB
Horizontal FOV	71° ~ 8.2°
Vertical FOV	42.7° ~ 4.5°
Pan Angle	±170°
Tilt Angle	±30°
Pan Speed	1.7° ~ 76° /s
Tilt Speed	0.5° ~ 15° /s
Image Flip	Support
Image Freeze	Support
PoE+	Support
Preset Position	255
Preset Accuracy	0.1°

General Specifications

Input Voltage	DC 12V/PoE
Input Current	1.0A (Max.)
Operating Temperature	-10° C ~ 40° C
Storage Temperature	-40° C ~ 60° C
Power Consumption	12W (Max.)
Dimension	238mm x 166.35mm x 131.8mm
Net Weight	1.35Kg



Interfaces

HD Output	1 x HDMI: Version 1.4b
Multifunctional Interface	1 x HDBaseT: RJ45, Video, Audio, PoE, control
Network Interface	1x RJ45: 10M/100M/1000M adaptive Ethernet, PoE Support
Jack	1x LINE IN, 3.5mm Jack
Communication Interface	1 x RS485: 2pin phoenix port, Max Distance: 1200m, Protocol: VISCA / Pelco-D / Pelco-P; 1 x RS232 IN: 8pin Mini DIN, Max Distance: 30m, Protocol: VISCA / Pelco-D / Pelco-P; 1 x RS232 OUT: 8pin Mini DIN, Max Distance: 30m, Protocol: VISCA only
Power Interface	JEITA type (DC IN 12V)

Network Features

Video Compression	H.264 / MJPEG
Video Stream	First Stream, Second Stream
First Stream Resolution	3840x2160, 1920x1080, 1280x720, 1024x576 etc.
Second Stream Resolution	720x480, 720x408, 640x480, 640x360, 480x320, 320x240 etc.
Video Bit Rate	First Stream: 32kbps~51200kbps Second Stream: 32kbps~20480kbps
Bit Rate Control	VBR, CBR
Frame Rate	50Hz: 1fps ~ 50fps, 60Hz: 1fps ~ 60fps
Audio Compression	AAC, G711A
Audio Bit Rate	96kbps, 128kbps
Protocols	TCP/IP, HTTP, RTSP, RTMP/RTMPS, Onvif, DHCP, SRT, GB/T 28181, Multicast, etc.