



UGC70

Full HD Lecture Capture and Conferencing PTZ Camera

1080P/ 20x Optical Zoom/ USB3.0, HDMI, IP, PoE, and plug-and-play

Product Specification

Lens: 20x, f4.7mm~94mm, F1.6~F3.6

Horizontal FOV: 61.1° ~ 3.5°

Vertical FOV: 35.8° ~ 2.0°

Video Format: YUY2: Max. 1080P60 ; H.264 AVC: Max. 1080P60 ; MJPEG: Max. 1080P60

Frame Rate: 50Hz: 1fps ~ 25fps, 60Hz: 1fps ~ 30fps

Power Interface: PoE JEITA (DC IN 12V) /USB (DC IN 5V) /PoE

Dimension: 144mm x 144mm x 167.9mm

Net Weight: 1.3kg

Camera Spec

Signal System: 1080P60, 1080P50, 1080P30, 1080P25, 720P60, 720P50

Sensor: 1/2.8 inches, CMOS, Effective Pixels: 2.07 Megapixels

Scanning Mode: Progressive

Digital Zoom: 16x

Minimum Illumination : 0.5Lux @ (F1.8, AGC ON)

Shutter: 1/30s ~ 1/10000s

White Balance: Auto, Indoor, Outdoor, One Push, Manual, VAR

Backlight Compensation: Support

Digital Noise Reduction : 2D&3D Digital Noise Reduction

SNR: ≥ 55dB

Pan Angle: ±170°

Tilt Angle: -30° ~ +90°

Pan Speed: 2.7° ~ 35.7° /s

Tilt Speed: 2.7° ~ 31.5° /s

Image Flip: Support

Image Freeze: Support

Preset Position: 255

Preset Accuracy: 0.1°

Network Spec

Video Compression: H.264 / MJPEG

Video Stream: First Stream, Second Stream

First Stream Resolution: 1920x1080,1280x720,1024x576 etc.

Second Stream Resolution: 1280x720,1024x576,720x480 etc.

Video Bit Rate for First Stream: 32Kbps ~ 102400Kbps

Bit Rate Control: VBR, CBR

Audio Compression: AAC

Audio Bit Rate: 96Kbps, 128Kbps, 256Kbps

Protocols: TCP / IP, HTTP, RTSP, RTMP / RTMPS, Onvif, DHCP, SRT, GB/T 28181, Multicast

USB Spec

Operating System Supported

Windows 7 (only supports UVC1.1 features), Windows 8 and above version, MacOS 10.5 and above version, Linux 2.4.6 and above version, Android needs to include the version of UVC related drivers

Color System / Compression: YUY2 / H.264 / MJPEG

UVC Audio : Support

USB Video Communication Protocol: UVC 1.1~1.5

UVC PTZ Control : Supported

I/O

USB Interface 1 x USB 3.0, Type-C

HD Output 1 x HDMI1.4b1

Network Interface 1 x RJ45: 10M / 100M adaptive Ethernet

Audio Interface 1 x Line In, 3.5mm Jack

Control Interface: 1 x RS232 In: 8pin Min DIN, Max.

Distance: 30m, Protocol: VISCA / Pelco-D / Pelco-P

1 x RS485 In (Optional): 2pin phoenix port, Max.

Distance: 1200m, Protocol: VISCA /

General Specifications
Input Voltage: DC 12V/DC 5V/PoE(802.3af)
Input Current: 12V 1.0A(Max.)/5V 1.5A
Operating Temperature: -10° C ~ 40° C
Storage Temperature: -40° C ~ 60° C
Power Consumption: 12W