



## 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