



## 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