UGC63

1080P Professional PTZ Camera With AI Technology

1080P / 30x Optical Zoom / HDMI+SDI+LAN+USB

Camera

Camera
Signal System: 1080p/60, 1080p/59.94, 1080p/50, 1080i/60, 1080i/59.94, 1080i/50, 1080p/30, 1080p/29.97, 1080p/25, 720p/60, 720p/59.94, 720p/50
Sensor: 1/2.8 inches, CMOS,
Effective Pixels: 2.07 Megapixels
Scanning Mode: Progressive
Focal length: 30x, f4.42mm ~ 132.6mm, F1.8 ~ F2.8
Minimum Illumination: 0.5 Lux @ (F2.0, AGC ON)
Shutter: 1/30s ~ 1/10000s
White Balance: Auto, One Push, Manual, VAR
Backlight Compensation: Support
Digital Noise Reduction: 2D & 3D Digital Noise Reduction
SNR: ≥ 55dB
Horizontal FOV: 60.7° ~ 2.28°
Vertical FOV: 34.1° ~ 1.28°
Pan Angle: ±170°
Tilt Angle: -30° ~ +90°
Pan Speed: 1.7° ~ 100° /s
Tilt Speed: 1.7° ~ 69.9° /s
Image Flip: Support
Image Freeze: Support
Preset Position: 255
Preset Accuracy: 0.1

Audio

Audio
Microphone Array: Built-in dual microphones, 100Hz to 16KHz frequency response.
Analog Audio: Support 3.5mm Line-In; Support 3.5mm Line-Out
Audio Output: HDMI, USB, LAN, SDI

USB Features

USB Features
Operating System Supported: Windows® 7 (only 1080P and below supported), Windows 8.1, Windows 10 or higher macOS ˇ 10.10 or higher Google ˇ Chromebook ˇ Version 29.0.1547.70 or higher Linux (support UVC)
Hardware Requirements: 2.4 GHz Intel® Core 2 Duo CPU or higher 2 GB RAM or more USB 2.0 interface
Color System / Compression: YUY2 / H.264 / MJPEG
Signal System: Support variety of video formats with different frame rates and resolutions, up to 1080p/60 YUY2 output.
USB Video Communication Protocol: UVC 1.1 or UVC1.5
USB Audio: 32K Sampling Rate, Support UAC2.0
UVC PTZ Control: Support

Network Features

Video Compression: H.264 / H.265
Video Stream: First Stream, Second Stream
First Stream Resolution: 1920x1080, 1280x720, 1024x576
Second Stream Resolution: 1280x720,1024x576,720x576
Video Bit Rate: 32Kbps ~ 102400Kbps
Bit Rate Control VBR, CBR
Frame Rate: 1fps ~ 60fps
Audio Compression: AAC
Audio Bit Rate: 96Kbps, 128Kbps, 256Kbps
Protocols: TCP/IP, HTTP, RTSP, RTMP, Onvif, DHCP, Multicast, SRT, GB/T 28181

Interfaces

USB Interface: 1 x USB3.0, Type-A
HD Output: 1x HDMI: Version 1.3;1x 3G-SDI: BNC, 800mVp-p, 75Ω, as per SMPTE 424M standard
Network Interface: 1x RJ45: 10M/100M/1000M adaptive Ethernet, Support PoE
Audio Interface: Built-in dual microphones, 1 x Line In, 3.5mm Jack, 1 x Line Out, 3.5mm Jack
Control 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)

General Specifications

Input Voltage: DC 12V/PoE（802.3af）1
Input current: 1.0A (Max.)
Operating Temperature: 0 ~ 40° C
Storage Temperature: -40 ~ 60℃
Power Consumption: 12W (Max.)
Dimension: 169mm x 142mm x 164mm
Net Weight: 1.35Kg