

UNITE[®] 260 Pro Camera



A professional 4K Ultra HD camera with motorized pan-tilt-zoom (PTZ), 20x optical zoom, plus 16x digital zoom providing the capability to capture all participants in the room

AI-based Smart Face Tracking

AI-based smart face tracking keeps the selected presenter in the frame as they move around the room.

- > AI-based auto framing mode always keeps the entire group perfectly in view.
- > A high SNR CMOS sensor combined with 2D and 3D noise reduction algorithms provide a super clean image, even under low light conditions.
- > Streams AV over IP using H.264 and H.265 video compression.
- > Compatible with popular applications such as Microsoft[®] Teams, Zoom[™], WebEx[™], Google[®] Meet[™], and more.
- > Control the camera's functions via USB, Ethernet, RS-485, and RS-232.
- > Supports USB 3.0 and 2.0 interfaces. The USB interface supports YUY2, MJPEG and H.264 video formats.
- > Can be powered by PoE (48V DC), or 12V DC power supply.



APPLICATIONS

- Video Conferencing
- Distance Learning
- Lecture Capture
- Telepresence
- Surveillance

WORKSPACES

- Large Conference Rooms
- Training Centers
- Classrooms
- Webinars

Excellent Focusing Accuracy

Advanced algorithms enable the lens to quickly and accurately focus.

Different Tracking Modes



Auto Framing

Detects a participant or a group of participants and automatically frames the image. Always keeps the entire group perfectly in view.

AI-based Smart Face Tracking

In this mode, the camera will keep a selected person in focus and perfectly framed as that person walks around the room.



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Camera

•Video System:

- 2160p30
- 2160p25
- 1080P30
- 1080P25
- Sensor: 1/1.8 inch, CMOS
- Effective Pixel: 8.51M
- Scanning Mode: Progressive
- Lens: 20x maximum zoom, Focal length: 4.4mm – 88.5mm, F1.8 – F
- Minimal Illumination: 0.5 lux @ (f2.0, Agc ON)
- Shutter: 1/30s – 1/10000s
- White Balance: Automatic, Indoor, Outdoor, One Button, Manual, Specified Color
- Backlight Compensation: Supported
- Digital Noise Reduction: 2D & 3D Digital Noise Reduction
- Signal to Noise Ratio ≥ 55 dB
- Horizontal Angle of View: 60.7° – 3.36°
- Vertical Angle of View: 34.1° – 1.89°
- Horizontal Rotation Range: $\pm 170^\circ$
- Vertical Rotation Range: -30° – +90°
- Pan Speed Range: 1.7° – 100°/S
- Tilt Speed Range: 1.7° – 69.9°/S
- H & V FLIP: Supported
- Image Freezing: Supported
- Number of Presets: 255
- Preset Accuracy: 0.1°

Input/Output Interface

- USB Interface: USB 3.0, Type C socket
- HD Output: 1 channel, HDMI1.4b
- Network Interface: 1 x RJ45: 10M/100M Adaptive Ethernet Port
- Audio Interface:
 - 1-Ch 3.5mm Audio Interface
- Communication Interface:
 - 1 x RS232 In: 8-Pin Small DIN, Maximum Distance: 30M, Protocols: VISCA/Pelco-D/ Pelco-P
 - 1 x RS232 Out: 8-Pin Small DIN, Maximum Distance: 30M, Protocols: VISCA/Pelco-D/ Pelco-P

USB Features

- Operating Systems: Windows 7 and later
- Color System: YUY2/MJPEG
- Video Formats:
 - YUY2 : Max 1080P@30fps
 - MJPEG: Max 2160P@30fps
- USB audio: Support
- USB video communication protocol: UVC 1.1
- USB PTZ Control: Support

IPC Features

- Video Coding Standard: H.265/H.264/MJPEG
- Video Stream: First Stream, Second Stream
- First Stream Resolution: 3840x2160, 1920x1080, 1280x720, 1024x576, 960x540, 640x480, 640x360
- Second Stream Resolution: 1920x1080, 1280x720, 1024x576, 720x576, 720x480, 720x408, 640x360, 480x270, 320x240, 320x180
- Video Bit Rate: 32Kbps - 102400Kbps
- Rate Control: Variable Bit Rate, Fixed Bit Rate
- Frame Rate: 50Hz: 1fps - 25fps, 60Hz: 1fps - 30fps
- Audio Compression Standard: AAC
- Audio Bit Rate: 96Kbps, 128Kbps, 256Kbps
- Supporting Protocols: TCP/IP, HTTP, RTSP, RTMP, Onvif, DHCP, Multicast, etc

Generic Specifications

- Input Voltage: 48V PoE (802.3af)/DC 12V
- Input Current: 12V 1.0A(Max)
- Operating Temperature: -10°C – 40°C (14°F - 104°F)
- Storage Temperature: -40°C – 60°C (-40°F - 140°F)
- Power Consumption: 12W (Max)
- Mean time between failures: >30000 hours
- Dimension: 240mm x 144mm x 160mm
- Weight: 2.1 kgs (4.6 lb)

Optional Accessories

- 910-2100-103: Wall Mount for UNITE 200 Camera
- 910-2100-203: Ceiling Mount for UNITE 200 Camera
- 910-2100-002: USB 3.0 Cable

Part Number

- 910-2100-018

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