

4K Conference PTZ Camera

Unear V51X



Features

- 4K ultra-high-definition image quality.
- 71° wide-angle lens easily captures all meeting participants.
- 12x optical zoom, ensuring clarity at both close and distant ranges.
- Electric mechanical pan/tilt for a wider range of motion, adaptable to more scenarios.
- Supports HDMI 1.4b, allowing direct output of uncompressed 4K raw video.
- Comprehensive and versatile interfaces.
- Supports remote control.
- Low light capability, with an image signal-to-noise ratio (SNR) of over 55dB.
- H.264 Slice/H.264 SVC encoding mode, suitable for high-end USB conference video applications.
- Supports dual-stream output.
- Supports three power supply modes simultaneously: USB 5V, 12V power adapter, and PoE power supply.

Specifications

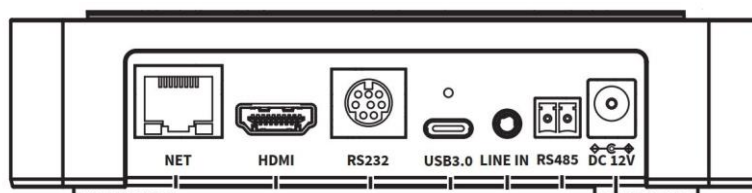
Model	Unear V51X
Lens	
Image Sensor	1/2.5", CMOS
Focus	F 4.4 mm to 52.8 mm
FOV (horizontal)	71° to 8.2°
FOV (vertical)	42.7° to 4.5°
Non-Distortion Lens	Support
Zoom	12x optical zoom, 16x digital zoom
Iris	F1.8 to F2.6
Video Performance	

Coded Format	H.265 /H.264 /MJPEG/YUV2
Anti-flicker	Support
Auto Exposure	Support
Auto White Balance	Support
Max. Image Resolution	YUY2 Max: 1440P@30, MJPEG Max: 4K@30, H.264 AVC Max: 4K@30, H.264 SVC Max: 4K@30, H.265 AVC Max: 4K@30,
General	
Accessories Included	1 × Power Adapter, 1 × Quick Guide, 1 × Infrared Remote Control, 1 × Data Cable
Operating System Support	Windows 7 (UVC1.1 only), Windows 8, Windows 10, Windows 11, Mac OS, Linux 2.4.6 and higher; The Android version needs to include the UVC-related drivers
Power Supply	DC 12 V/1 A
Product Dimensions (W × H × D) (mm)	144 × 173.4 × 144
Packaging Dimensions (W × H × D) (mm)	222 × 222 × 240
Operating Temperature	-10°C to 40°C
Storage Temperature	-20°C to 60°C
Operating Humidity	10% to 90%RH
Total power Consumption (W)	12
Weight (kg)	Net weight: 1.41 Gross weight: 3
Interface	
USB	1 × USB 3.0 Type-C USB Communication Protocol: UVC1.1, UVC1.5
Power	DC IN
HDMI	1 × HDMI OUT
Network Port	1 × RJ45/10M/100M adaptive Ethernet interface
Audio	1 × 3.5 mm Line in
Indicator	Power indicator
Other	1 × RS232
PTZ Specs	
Horizontal Rotation Range	-170° to 170°
Vertical Rotation Range	-30° to 90°
Horizontal Rotation Speed Range	2.7° to 35.7°/s
Vertical Rotation Speed Range	2.7° to 31.5°/s
Flip Horizontally and Vertically	Support
Preset Function	255
Preset Position Accuracy	0.1°

Dimensions



Interface



Ordering Info

Product Model	Description
Unear V51X	4K Conference PTZ Camera

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