

DS-UVC-P18 4K Video Conference Camera



- 8 MP CMOS
- High quality imaging with 3840 × 2160 resolution
- 3 mm to 15 mm varifocal lens, auto focus, × 5 optical zoom, × 4 digital zoom
- Min. Illumination: 0.2 Lux @ (F1.8 to 2.8 , AGC ON)
- Clear imaging against strong back light due to 120 dB true WDR technology
- AGC for self-adaptive brightness
- USB Type-C interface, supporting USB 3.0 protocol. Plug-and-play, no need to install driver software
- Dual-microphone built into the PTZ camera with clear sound

▪ Specification

Camera	
Image Sensor	1/2.8" 4K CMOS
Max. Resolution	3840 (H) × 2160 (V)
Min. Illumination	0.2 Lux @ (F1.8 to 2.8 , AGC ON)
Shutter Time	PAL: 1/25 s to 1/10,000 s; NTSC: 1/30 s to 1/10,000 s
Angle Adjustment	Pan: -165° to 165°, Tilt: -30° to 30°
Digital Zoom	× 4
Optical Zoom	× 5
Lens	
Lens Type	Varifocal lens, 3 to 15 mm
Focal Length & FOV	Horizontal FOV: 85° to 24° Vertical FOV: 53° to 14° Diagonal FOV: 93° to 27°
Object Distance Range	Wide: 0.1 m to ∞; Tele: 0.5 m to ∞
Microphone	
Amount	dual mic
Polar Pattern	360° omni-directional
Pickup Distance	In a radius of up to 5 m
Sensitivity	-32 ± 3 dBV/Pa
SNR	70 dB(A)
Frequency Response	100 Hz to 8 kHz
Type	ECM
Sampling Rate	16 kHz/32 kHz/48 kHz
Functions	
Image Function	Auto/Manual White Balance, Backlight Compensation, Left/Right Flip / Up/Down Flip/Center Mirror
Audio Function	Supports steady and transient smart noise reduction, automatic gain control, echo suppression, time domain equalization algorithm, ambient noise suppression and enhanced vocals to enhance speech quality and offer audio in high quality
LED Indicator	Flashing white: powering on and starting Solid white: normally working Solid red: mute Light off: standby
Auto Focus	Yes
Communication	
Communication Method	USB cable
Wired Communication Distance	Cable length: 2 m. Transmission distance: 2 m.

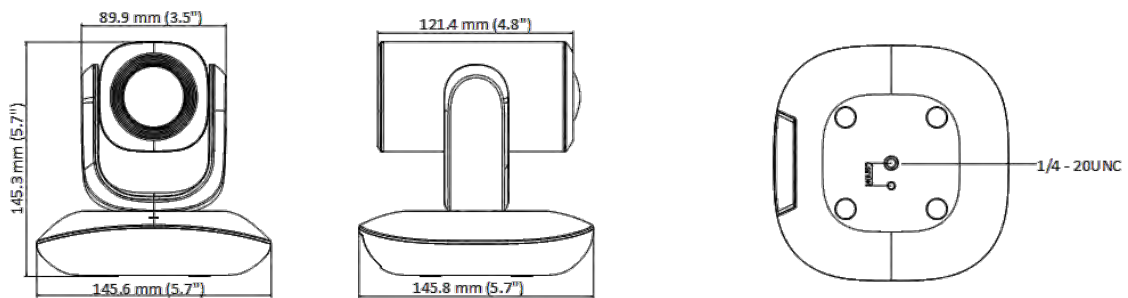
Image	
Frame Rate	MJPG/H.264: 3840 × 2160 @30 fps/25 fps 2560 × 1440 @30 fps/25 fps 1920 × 1080 @60 fps/50 fps/30 fps/25 fps 1280 × 960 @60 fps/50 fps/30 fps/25 fps 1280 × 720 @60 fps/50 fps/30 fps/25 fps 640 × 480 @60 fps/50 fps/30 fps/25 fps 640 × 360 @60 fps/50 fps/30 fps/25 fps YUY2: 1920 × 1080 @30 fps/25 fps 1280 × 960 @30 fps/25 fps 1280 × 720 @30 fps/25 fps 640 × 480 @30 (default) /25fps 640 × 360 @30 fps/25 fps NV12: 1920 × 1080 @30 fps/25 fps 1280 × 960 @30 fps/25 fps 1280 × 720 @30 fps/25 fps 640 × 480 @30 fps/25 fps 640 × 360 @30 fps/25 fps
Wide Dynamic Range (WDR)	≥120 dB
Interface	
Audio	1 line in, 3.5 mm connector 1 line out, 3.5 mm connector
Cable	USB Cable: Type C to Type A interface Adapter Extension Cable: DC plug to DC socket
Device Interface	USB Type C interface, Power interface
Compatibility	
System Requirement	Windows 7/8/10/11 (resolution higher than 1080 p is only available in Windows 8.1 and above version) Android 8.1 and above version Linux 4.14 and above version macOS 10.12 and above version
General	
Operating Condition	-10 °C to 45 °C (14 °F to 113 °F). Humidity 90% or less (non-condensing)
Material	Metal, plastic
Dimension	145.3 mm × 145.6 mm × 145.8 mm (5.7" × 5.7" × 5.7")
Weight	Approx. 960 g (2.12 lb.)

Packing List	Camera (including lens cover) × 1 Remote Control × 1 Power Adapter (1.2 m) × 1 Power Adapter Extension Cable (3 m) × 1 Power Adapter Plug × 3 (for British, American, and European standards) USB 3.0 Cable (2 m) × 1 Bracket × 1 Screws × 1 Battery × 2 Quick Start Guide × 1
Power	12 VDC ± 5%, max. 10.2 W
Package Dimension	365 mm × 210 mm × 183 mm (14.37" × 8.27" × 7.2")
With Package Weight	Approx. 2350 g (5.18 lb.)
Color	Space gray

▪ Available Model

DS-UVC-P18

▪ Dimension



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