iDS-UVC-X28-B
All-in-One Video Bar

- The all-in-one design integrates a camera, microphone, and speaker, easily meeting the needs of video conferencing

- 4K CMOS, delivering ultra-high definition meeting images for your video meetings

- HDR technologies allow for the automatic adjustment of video settings in any lighting condition

- Equipped with an 8 microphones array. It supports 6-meter sound pickup range and perfectly meets the needs of small and medium-sized conference rooms

- Built-in full-range, high definition speaker

- Support smart functions, including auto framing, speaker tracking and close-up group

- Using a wireless dongle featuring BYOM, and enhancing your meeting experience by making it seamless

- USB Type-C interface, supporting USB 3.0 protocol, plug-and-play, suitable for mainstream cloud conference platforms

▪ Specification

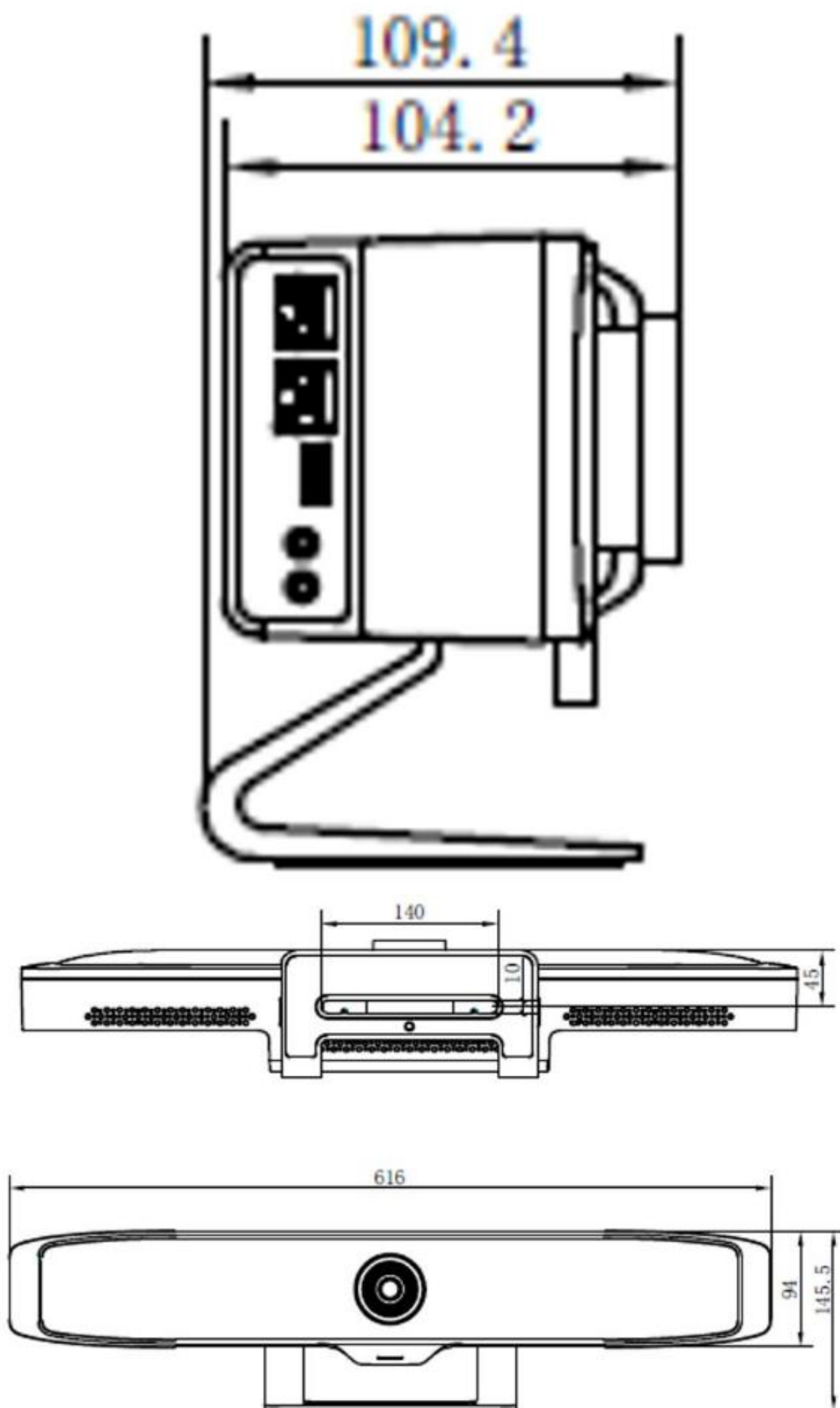| Product Type	
Product Form	Highly-integrated
Product Characteristics	Wired USB camera, wireless mirroring
Communication Protocol	
Video Codec Protocol	MJPEG, H264
Audio Codec Protocol	PCM 16 bit depth 48 kHz, AAC-LC 16 bit depth 48 kHz
Other Communication Protocols	UAC, UVC
WI-FI Standard	Supports 2.4 G and 5 G dual-band connection
Bluetooth	Supports 5.0 (only for the remote control)
Video Characteristic	
Video Input Resolution Capability	1 × HDMI IN, Max. 4K@30, 1 × Wireless Screen Mirroring, Max. 4K@30, 1 × Wireless Camera, Max. 1080P@30
Video Output Resolution Capability	2 × HDMI OUT, Max. 4K@60, 1 × USB-C (UVC MJPEG), Max. 1080P@30
Audio Characteristic	
Audio Algorithm	Audio Array Algorithm, Self-Adaption Audio Algorithm, Acoustic Echo Cancellation (AEC), Automatic Noise Suppression (ANS), Automatic Gain Control (AGC)
AGC, Automatic Gain Control	Supported
ANS, Automatic Noise Suppression	Supported
AEC, Acoustic Echo Cancel	Supported
Intelligent Noise Reduction	Supported
Camera	
Camera Type	Built-In
Privacy Mask	Electronic Privacy Cover
Sensor	1/2.8 inch, CMOS, Effective Pixel 8 Million
Max Resolution	4K@30 (3840 × 2160)
Aperture	f/2.5
Focus Distance	2.02 mm
Backlight Compensation	Supported
Horizontal Field Angle	109.9°
Vertical Field Angle	74.6°
Field Angle	118.8°
Digital Magnification	3x e-PTZ Electronic Head
Automatic Gain	Supported
Automatic Exposure	Supported
Preset Point	Supported, 5 Presets; Supports Active Call, Update, Clear
DNR	2D & 3D
White Balance	Supported, Automatic
Other	Supports to adjust image parameters, brightness, contrast, saturation, sharpness, gain Supports a variety of view modes: Manual Mode, Smart View, Smart Tracking, Smart Gallery
Microphone	
Microphone type	Built-In

Polar Pattern	Omni-Directional
Pickup Range	6 m
Array Amount	8
Frequency Response Range	100-20 kHz
Sensitivity	-38 db
Signal-to-noise Ratio	65 db
Sampling Rate	48 kHz
Loudspeaker	
Rated Power	10 W
Sensitivity	78 dB ± 3 dB
Size	78 mm × 183.4 mm × 50 mm
Electrical Impedance	8 ± 1.2 Ω
F0, Lowest Frequency Response Point	240 Hz
AI	
Speaker Follow	Supported
Intelligent Framing	Supported
Smart Window	Supported
Electronic Nameplate	Supported
USB	
Supported Operating System	Supports Windows 7/10/11, and Mac OS
Video System	MJPEG (1080P@30 (1920x1080), 720P@30 (1280x720), 540P@30 (960x540), 360P@30 (640x360), 270P@30 (480x270))
USB Audio	PCM 16 bit depth 48 kHz
USB Video Communication Protocol	UAC, UVC
Maintenance Function	
Maintenance Mode	Supported. Managed by remote control.
Maintenance Function	Supports device configuration, and upgrade via multiple methods (USB flash drive / cloud service online detection)
System	
Operating System	HIK WonderOS (Android 12)
Memory	8 GB + 16 GB
Interface	
Video Input	1 × Built-in camera, 1 × HDMI IN
Video Output	2 × HDMI OUT
Audio Input	1 × 3.5 mm LINE IN
Audio Output	1 × 3.5 mm LINE OUT
Network Interface	1 × 10/100/1000 Mbps Self-Adaption Network
USB	1 × USB3.0 Type-C, 2 × USB2.0 Type-A
Power Interface	DCJack, Φ2.0m
Bluetooth	1 × 2.4G Remote Control Bluetooth, 1 × 2.4G Audio Bluetooth
Wi-Fi	1 × 2.4 G & 5 G

Other Interface	1 × MIC (POE power supply, reserved interface)
General	
Installation	Screws + Buckles
Weigh(Product)	2.49 kg
Weight(With Packing)	≈ 5.360 kg
Dimension (Product)	616 × 145 × 104.23 mm
Dimension(With Packaging)	727 × 227 × 213 mm
Power Waste	24 W
Input Voltage	DC 12V
Input Current	2A
Operating Temperature	0 to 40 °C
Operating Humidity	10%RH to 80%RH
Tripod Connecting Hole	1 × 1/4-20"Screw Hole
Heat Dissipation	No heat dissipation holes. Internal aluminum block for heat dissipation.
Packing List	1 × Remote Control, 2 × Battery, 1 × AC Powerline, 1 × Power Adapter (with European/German plug adapter), 1 × Wall-Mounted Bracket, 1 × NFC Sticker, 1 × Expansion Screw, 1 × Quick Start Guide, 1 × Regulation Compliance and Safety Information, 1 × Thank You Card, 1 × 5 m USB 3.0 Cable (USB-C to USB-A)
Certification Standard	
Certification Certificate	CB/CE, Certification of Transport

▪ Available Model

iDS-UVC-X28-B

▪ Dimension

▪ **Accessory**

▪**Included**

DS-D5SC3B-W

▪**Optional**

DS-D5SC3B-W

See Far, Go Further

HIKVISION®