ROOM-M-TK Medium Meeting Room Bundle

1080P Video Conferencing PTZ camera Specification

▼ CAMERA

Video Resolution	1080P60, 1080P50, 1080P30, 1080P25, 720P60, 720P50
Sensor	1/2.8'', CMOS, 2.07 Megapixels
Scanning Mode	Progressive
Lens	12x, f3.5mm ~ 42.3mm, F1.8 ~ F2.8
Digital Zoom	16x
Minimal Illumination	0.5Lux @ (F1.8, AGC ON)
Shutter	1/30s ~ 1/10000s
White Balance	Auto, Indoor, Outdoor, One Push, Manual
Backlight Compensation	Support
Digital Noise Reduction	2D&3D Digital Noise Reduction
Video S/N	≥55dB
Horizontal Angle of View	72.5° ~ 6.9°
Vertical Angle of View	44.8° ~ 3.9°
Horizontal Rotation Range	±170°
Vertical Rotation Range	-30° ~ +90°
Pan Speed Range	2.7° ~ 35.7°/s
Tilt Speed Range	2.7° ~ 31.5°/s
H & V Flip	Support
Image Freeze	Support
Number of Preset	255
Preset Accuracy	0.1°
Operation Voltage	220 Volt,50 Hz AC
Working Temperature	5-35°C

▼ INPUT / OUTPUT INTERFACE

USB Interface	1x USB 3.0 , Type-C Jack
HDMI Output Interface	1x HDMI 1.3a
Network Interface	1x RJ45: 10M/100M Adaptive Ethernet
Audio Interface	1x Line In, 3.5mm Audio Interface
Communication Interface	1x RS232 In: 8pin Min DIN, Max Distance: 30m, Protocol: VISCA/Pelco-D/Pelco-P
Power Jack	JEITA type (DC IN 12V) / PoE

▼ IPC FEATURES

Video Compression	H.264 / MJEPG
Video Stream	Main Stream, Sub Stream
Main Stream Resolution	1920x1080,1280x720,1024x576,960x540, 640x480,640x360
Sub Stream Resolution	1280x720,1024x576,720x480,720x408, 640x360,480x272,320x240,320x180
Video Bit Rate	32Kbps ~ 20480Kbps
Bit Rate Type	Variable Rate, Fixed Rate
Frame Rate	50Hz: 1fps ~ 50fps, 60Hz: 1fps ~ 60fps
Audio Compression	AAC
Audio Bit Rate	96Kbps, 128Kbps, 256Kbps
Support Protocols	TCP/IP, HTTP, RTSP, RTMP, Onvif, DHCP, Multicast, etc

▼ USB FEATURES

Operating System	Windows 7, Windows 8, Windows 10, Mac OS X, Linux, Android
Color System /Compression	YUY2 / H.264 / MJPEG
Video Format	YUY2: Max 1080P60; H.264 AVC: Max 1080P60; MJPEG: Max 1080P60
USB Audio	Support
USB Video Communication Protocol	UVC 1.1
UVC PTZ Control	Support

▼ GENERAL SPECIFICATION

Input Voltage	DC 12V / PoE (802.3af)
Input Current	12V 1.0A (Max)
Operating Temperature	-10°C ~ 40°C
Storage Temperature	-40°C ~ 60°C
Power Consumption	12W (Max)
MTBF	>30000H
Dimension	142mm (W) × 152mm (D) × 177mm (H)
Weight	1.45kg

1 —— RS232 Interface
2 —— NET Interface
3 —— HDMI Interface
4 —— USB3.0 Interface
5 —— LINE IN Interface
6 —— DC 12V Power Jack

Speakerphone Specification

▼ Microphone

Microphone type	Omnidirectional microphone
Microphone array	Built-in 6 omnidirectional microphones (main mic 4+2* extension Mic 1)
Pickup distance	6m without extension microphones
Frequency response	50Hz~16kHz
SNR	65dB
Sensitivity	-35dBFS 94dB SPL @1KHz
Operation Voltage	220 Volt,50 Hz AC
Working Temperature	5-35°C

▼ Speaker

Speaker type	Full frequency speaker
Power	15W
Frequency Range	50Hz ~ 20kHz
Volume	90dBA @1m
THD	<3%

▼ Audio

Audio features	32K sampling rate, HD broadband audio, full-duplex;
USB protocol	Support UAC2.0 ;
AEC	Echo Cancellation, Using AI algorithm to eliminate echo
ANS	AI noise reduction, eliminate all kinds of stationary and non-stationary interference noise, maximum noise suppression: 90dB
AGC	Automatic Gain Control,Intelligent gain adjustment within 10 meters, clear pickup
Reverberation suppression	Using AI algorithm to reduce reverberation

▼ Interface

Type C interface	1 × Type C interface, used to connect the audio input and output of PC and other equipment; 2 × Type C interface for connecting to the extension mic;
Power supply	DC12V/3A, external power supply to power the microphone device;
Buttons	Touch button (mute button with light indicator)

▼ Other specifications

Size （LxWxH）	150m * 150mm * 89mm (Main Mic) 80m * 80mm * 25mm (Extension Mic)
Weight	Main Mic: 1.23kg; Extension Mic: 0.13kg;
Environmental conditions	• Temperature: 0°C ~ 40°C (working condition), -40°C ~ 60°C (non-working condition) • Relative humidity: 45% ~ 90% (working condition), 30% ~ 90% (non-working condition)
Certification	CCC, CE, RoHS;

▼ Packing List

Packing List	1 x Omnidirectional Mic Main Mic 2 x Extension Microphones(optional) 1 x USB main mic cable 2 x USB extension mic cable 1 x Power Adapter 1 x Quick Start 1 x Quality certificate/Warranty Card

Remark:
Each of the electronic devices is able to operate fully functionally anywhere in Turkiye with 220 Volt, 50 Hz AC city electricity and a minimum ambient temperature of 5-35°C.