



INTEGRATED HD AUDIOVISUAL COMMUNICATION TERMINAL

IT-FHD-MR60

Integrated HD Camera

Support H.323 / SIP Dual-Protocol Stack, Built in MCU

Support Dual HD Stream and AAC-LD Broadband Audio Codec

Good Interoperability with The Industry Standard Terminals, MCU and GK

Unique Media Error Correction Technology and Multiple Security Mechanism

IT-FHD-MR60

Product Specification

Communication Protocol:	H.323(Including H.221, H.225, H.235, H.245, H.281, T.140,DTMF etc.) SIP
Camera Features:	Optical Zoom: 12X View Angle: 6.3°(tele)~72.5°(wide) Tilt: -30°~+30°, Pan: -170~+170° Video Signal Format: 1080p60/50, 720p60/50 Auto Focus/Auto White Balance/Auto BLC Support Pan/Tilt control Support FECC remote control protocol
Video Encoding:	H.261, H.263, H.264, H.264HP
Main Video Input:	Integrated camera video input (built in), support 1080P60/50
Auxiliary Video Input:	Interface: DVI-I. Video formats supported by 1920x1080 (1080P), 1280x720 (720P), 1600x1200 (UXGA), 1680x1050 (WSXGA+), 1400x1050 (SXGA+), 1366x768 (WXGA+), 1280x1024 (SXGA), 1024x768 (XGA), 800x600 (SVGA)
Video Output (2 channels):	Main / Auxiliary camera video output interface: HDMI Video formats supported: 1080P and 720P
Dual Video Stream:	Supported by H.239 (H.323), BFCP (SIP)
Audio Encoding:	G.711A, G.711U, G.722, G.722.1C, G.728, G.729A, AAC-LD
Audio processing technology:	Echo canceller, Noise suppression and AGC

Audio Input:	1xXLR 1xRCA 1x Microphone array 1x HDMI audio(audio from auxiliary stream)
Audio Output:	1xRCA 1xHDMI audio
Microphone array:	Support 48KHz sampling, 6m audio pick up distance, 360°omnidirectional microphone
Other Interface:	10/100/1000M LAN, USB, 5G Wi-Fi (optional), 4G LTE (optional)
LAN Protocol:	IPv4, IPv6, DHCP, NAT, QOS, NTP, SNMP
Bandwidth requirement:	64kbit/s-6Mbit/s
Security:	AES HTTPS Certificate Management interface password protection TV configuration interface password protection
Control ways:	Remote control+ TV interface Web-page management
Built in MCU:	Support 1+5
Supply Adapter/ Consumption:	AC 110-240V, 50Hz-60Hz to DC 12V, <60W
Dimension / Weight:	270mm(L)*184mm(W)*187mm(H), 1.94kg

Installation

Pls fix the device at the position you want. You should save space for cable connection. Please connect the device with the following instructions:

1. Audio output:

Option 1: Connecting acoustics.

Option 2: Use main monitor^⑤ to have audio output

2. Audio input (Attention: Please use one input only at a time, or it will affect audio processing.):

Option 1: Connect with console^②

Option 2: Connect with CANNON Microphone^③

(need to buy 3.5mm balance cable to convert to CANNON head)

Option 3: Connect with omnidirectional digital microphone array^④ (Suggested)

Option 4: Connect with auxiliary video input device^⑦

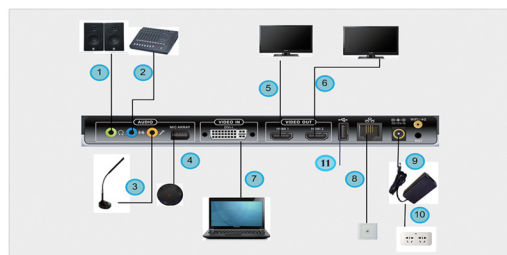
3. Video output

Connect Main Display/Monitor with HDMI cable^⑤

Connect Auxiliary Display/Monitor with HDMI cable^⑥

4. Video input

Connect auxiliary streaming video Input^⑦ with DVI(HDMI) cable.



5. Network connection

Option 1: Wired network connection^⑧

Option 2: Wireless network connection^⑩

Option 3: Wireless 4G LTE connection^⑩

6. Maintenance and FM upgrading

Via USB2.0 port

7. Power supply Connection^⑨

Connect with AC 12V Power supply

After confirmation of the above connection, connect the DC power adapter with AC power supply, then power on.

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