



Feature:

1. Good compatibility, supports H.323/SIP dual protocol stack, can be interconnected with industry standard terminals, MCU, GK, etc., to facilitate customer expansion and upgrade transformation; rich interface configuration, fully consider various usage scenarios, compatible with the market's mainstream audio and video input and output devices, to achieve rapid deployment, and reduce subsequent wiring modifications
2. Excellent performance, providing the ultimate user experience. Built-in high-performance digital signal processing chip, video supports up to 1080P60 simultaneous encoding and decoding of mainstream and auxiliary streams (optional, provides single display, dual display and rich video window layout, and improves user experience; voice supports AAC-LD broadband encoding and decoding, and uses optimized algorithms to achieve echo cancellation, noise suppression and automatic gain control, thereby ensuring high-fidelity and low-latency audio transmission; QoS settings and unique media error correction MEC (Media Error Correction. technology can still ensure smooth audio and video effects under high bit error rates (audio quality is prioritized under network degradation.. High-quality 360-degree omnidirectional digital microphone array, professional-grade sound effects
3. Humanized design, convenient for user operation and maintenance. It adopts an integrated high-integration (integrated camera. structural design, with a simple and stylish appearance. It provides a matching bracket and supports wall and ceiling installation; built-in gravity sensor, automatic image flipping in hanging mode; flat interface (UI. style design, easy for users to operate; remote control integrates some function buttons, common functions can be reached with one click, convenient and practical; U disk, web page and other upgrade methods, easy for later maintenance and system upgrade
4. Multiple security mechanisms fully guarantee the security of transmission content. The system adopts AES media encryption technology; user certificates, password protection, HTTPS secure links and other encryption measures to ensure the safe operation of the system; support H.460, NAT and configurable port range, firewall traversal can be achieved

Specification:

Communication protocol	H.323, SIP
Built-in MCU	supports 1+5 networking
Camera control	supports FECC remote control protocol
Video encoding standards	H.261, H.263, H.264, H.264HP

Main video stream camera input interface and resolution	one integrated camera input (built-in); supported formats: 1920x1080@60Hz (1080p60), 1920x1080@50Hz (1080p50)
Auxiliary video stream input interface and resolution (one)	one DVI-I input; supported formats: 1920x1080 (1080P), 1280x720 (720P), 1600x1200 (UXGA), 1680x1050 (WSXGA+), 1400 x1050 (SXGA+), 1366x768 (WXGA+), 1280x1024 (SXGA), 1024x768 (XGA), 800x600 (SVGA)
Video output interface	Main video output interface: HDMI; Auxiliary video output interface: HDMI
Output supported formats	1920x1080 (1080P), 1280x720 (720P)
Dual stream support	H.239 (H.323) dual video stream, BFCP (SIP) dual video stream
Audio encoding standard	G.711A, G.711U, G.722, G.722.1C, G.728, G.729A, AAC-LD
Audio input interface (four inputs)	1xXLR, 1x Line in, 1x microphone array, 1xHDMI audio
Microphone array performance	support 48KHz sampling, 6 meters pickup distance, 360-degree omnidirectional microphone
Audio output interface (two outputs)	1xLine in, support dual-channel and stereo, 1xHDMI audio
Audio processing technology	echo cancellation, noise suppression, automatic gain control (AGC)
USB interface	USB2.0 (for maintenance and upgrade)
Wired network interface	10/100/1000M LAN
Network features	IPv4, IPv6, DHCP, NAT, QOS, NTP, SNMP
Security features	AES, HTTPS, certificate, management interface password protection, TV interface configuration item password protection
Control method	remote control + TV interface, web management
Bandwidth requirement	64kbps-6Mbps
Language	Chinese/English
Power supply	AC 110-240V, 50Hz-60Hz to DC 12V adapter
Power consumption	<60W
Dimensions	270mm (length) * 185mm (width) * 180mm (height)
Weight	1.94kg
Operating temperature	0-40°C
Operating humidity	10%-80%
Storage temperature	-40-70°C
Storage humidity	0%-95%
Random accessories	power supply, remote control, HDMI cable (2 meters)
Optional accessories	omnidirectional digital microphone array, HDMI-DVI cable (one end HDMI interface and one end DVI interface)
Integrated camera performance	optical zoom: 12 times, pitch rotation: -30~+30 degrees, horizontal rotation: -170~+170 degrees, video signal: 1080P60/50/30/25/15, 720P60/50/30/25/15, supports auto focus, auto white balance, auto backlight compensation, supports PTZ control