H800

Rack Mount Video Conferencing Meeting Terminal

Features

Professional audio and video processing, High-end audio-visual experience

- Dual 1080p streaming
- Universal interface and cable, easy to install and maintain
- Connect with digital mic and canon-mic directly
- Video: 5 in / 4 out, Audio: 7 in / 6 out
- 100 meters image transmission (SDI)
- AEC / ANS / AGC process, wideband audio protocol

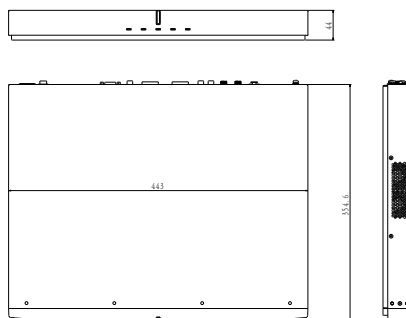**Excellent network adaptability and security mechanism**

- Support intelligent anti-packet loss, automatic QoS setting, forward error correction and other network optimization mechanisms, which can fully optimize the video communication effect in the congestion network environment
- Standard H.460 for NAT and firewall traversal
- Embedded OS, high security, away from virus and hackers' attack
- Multiple encryption mechanism: H.235 conference encryption, AES encryption, user authentication and role-based authorization, conference password authentication, advanced setting authentication

Abundant functions and features

- Automatic dual stream source detection
- Real-time recording / monitoring / preview of local and remote video and audio through web

Dimensions

Units:mm

	H800	
Sub Models	-A	-C
System Standards	H.323, SIP H.225, H.235, H239, H.245, H.281, H.460	
Video Standards	H.261, H.263, H.263+, H.264, H.264 High-Profile, MPEG-4	
Audio Standards	G.711, G.719, G.722, G.722.1 Annex C / Polycom Siren14TM, G.728, G.729, MP3, MPEG4-AAC (LC / LD)	
Network Protocols	TCP / IP, Telnet, HTTP, FTP, SNMP, DHCP, RTP / RTCP, NTP, PPPoE	
Conference Bitrate	64 Kbps to 8 Mbps	
Video Resolution	Video: 1080p (1920 x 1080), 720p (1280 x 720), 4CIF (704 x 576), CIF (352 x 288) Content: 1080p (1920 x 1080), 720p (1280 x 720), UXGA (1600 x 1200), WSXGA+ (1680 x 1050), WSXGA (1440 x 900), SXGA (1280 x 1024), WXGA (1280 x 800), XGA (1024 x 768), SVGA (800 x 600), VGA (640 x 480)	Video: 1080p (1920 x 1080, decode only), 720p (1280 x 720), 4CIF (704 x 576), CIF (352 x 288) Content: 1080p (1920 x 1080, decode only), 720p (1280 x 720), UXGA (1600 x 1200), WSXGA+ (1680 x 1050), WSXGA (1440 x 900), SXGA (1280 x 1024), WXGA (1280 x 800), XGA (1024 x 768), SVGA (800 x 600), VGA (640 x 480)
Encode Capacity	1080p @ 60 fps + 1080p @ 60 fps / UXGA @ 60 fps	720p @ 60 fps + 720p @ 60 fps / UXGA @ 30 fps
Decode Capacity	1080p @ 60 fps + 1080p @ 60 fps / UXGA @ 60 fps	
Video Features	Single screen dual / triple display Dual screen dual display Picture in Picture, Picture out Picture	
Audio Features	Sampling frequency: 8 kHz to 48 kHz Acoustic Echo Cancellation (AEC) Acoustic Noise Suppression (ANS) Automatic Gain Control (AGC) Automatic lip synchronization Mute and dumb	
Dual Stream	H.239 / BFCP Adjustable bandwidth ratio Wireless content sharing by SkyShare software	
Network Features	Embedded proxy for NAT / firewall transversal Intelligent Packet Loss Recovery (IPLR) Forward Error Correction (FEC) DiffServ, IP Precedence (Quality of service [QOS]) IP conflict detection Automatic PPPoE redial IP backup	
OSD Caption / Logo / Banner	Configurable OSD caption / logo / banner Local images and custom text can be set as OSD logo / banner OSD caption can be sent as short messages to terminals or multipoint control units OSD caption can be scrolled Configurable OSD banner background color, font sizes and fonts	
Security Features	Embedded OS H.235 conference encryption AES encryption Conference password authentication User authentication and role-based authorization Advanced setting authentication Gateway password-protected	
Management	Remote control Configuration can be performed by web GUI Event logs can be managed Self-tests and loop / image / audio tests Operational state detection Real-time video / audio bitrate display Address book importing / exporting	
Conference Functions	Point-to-point / multiple conferences Join-in meeting / chairman / speaker / chime-in request Calling by E.164 ID, alias and IP addresses	
Video Interfaces	2 x DVI-I in / out, 1 x SDI in, 1 x CVBS in / out, 1 x S-Video in / out Main stream: In: choose 1 from 5 Out: DVI 1, C, S simultaneous out Dual stream: In: choose 1 from 5 Out: DVI 2 C / S as alternative input	
Audio Interfaces	2 x RJ11 digital audio in, 1 x XLR 48V phantom power in 2 x RCA audio in / out, 2 x TRS (6.35mm) out DVI-I adapter to HDMI, SDI support audio Dual channel stereo	
Control Interfaces	1 x RS232, 1 x RS422 IR remote control	
Network Interfaces	2 x Gigabit network port, RJ45 interface	
Other Interfaces	1 x FXO 1 x USB（Hardware ready）	
Environmental	Operating temperature: 0°C ~ 45°C / 32 °F ~ 113 °F Operating humidity: 10% ~ 90% Atmospheric pressure: 70 ~ 106 kPa	
Electrical	Power: 100 ~ 240V AC, 50 ~ 60Hz Power consumption: Max. 80W	
Mechanical	Weight: < 8kg / 17.64lb Dimensions: 1U, 44 x 443 x 360mm / 1.73" x 17.44" x 14.17"	