H850

Rack Mount Video Conferencing Meeting Terminal





Features **S**

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

Excellent network adaptability and security mechanism

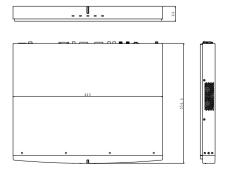
Abundant functions and features

- Dual 1080p streaming
- Universal interface and cable, easy to install and maintain
- Connect with digital mic and canon-mic directly
- Video: 6 in / 6 out, Audio: 9 in / 8 out
- 100 meters image transmission (SDI)
- AEC / ANS / AGC process, wideband audio protocol
- 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
- Automatic dual stream source detection
- Real-time recording / monitoring / preview of local and remote video and audio through web



Dimensions

Units:mm



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	H850		
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.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, Teinet, HTTP, FTP, SNMP, DHCP, RTP / RTCP, NTP, PPPoE		
Conference Bitrate	64 Kbps to 8 Mbps		
Video Resolution	Video: 1080p (1920 × 1080), 720p (1280 × 720), 4CIF (704 × 576), CIF (352 × 288) Content: 1080p (1920 × 1080), 720p (1280 × 720), UXGA (1600 × 1200), WSXGA+ (1680 × 1050), WSXGA (1440 × 900), SXGA (1280 × 1024), WXGA (1280 × 800), XGA (1024 × 768), SVGA (800 × 600), VGA (640 × 480)	Video: 1880p (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 al siplay 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 (IPIR) 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 / out, 1 x HDMI in / out 1 x CVBS in / out, 1 x S-Video in / out Main stream: In: choose 1 from 6, DVI1 is default Out: DVI (main), HDMI, SDI, C, S simultaneous out Dual stream: In: choose 1 from 6, DVI2 is default Out: DVI (aux) DVI 1 / HDMI as alternative input 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-1 adapter to HDMI, HDMI, SDI all 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		
Environmental	1 x USB (Hardware ready) Operating temperature: $0^{\circ}\text{C} \sim 45^{\circ}\text{C} / 32^{\circ}\text{F} \sim 113^{\circ}\text{F}$ Operating humidity: $10\% \sim 90\%$		
	Operatory Intilings, 1270 = 300 A Atmospheric pressure: 70 < 106 kPa Power: 100 ~ 240V AC, 50 ~ 60Hz		
Electrical	Power consumption: Max. 80W	Power consumption: Max. 80W	
Mechanical	Weight: < 8kg / 17.64lb Dimensions: 1U, 44 x 443 x 360mm / 1.73" x 17.44" x 14.17"		

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