

H850

Video Conferencing Meeting Terminal



Features

High-performance and high-capacity

- Dual 1080p streaming
- Universal interface, standard 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)

Excellent network adaptability

- Embedded proxy to realize NAT/firewall transversal
- IPLR (Intelligent Packet Loss Recovery)
- Dynamic bitrate adjustment
- Qos(DiffServ, IP Precedence)
- Reconfigurable MTU
- IP confliction detection
- Automatic gateway finding and registration
- Automatic PPPoE re-call
- IP backup

Abundant functions and features

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

Specifications

	H850
Applicable scenario	Large/Middle Meeting Room(100m ² or Need More than 1 camera)
System standard	H.323, SIP, H.225, H.235, H239, H.245, H.281, H.460
Video Standard	H.261, H.263, H.263+, H.264, H.264 High-Profile, MPEG-4
Audio Standard	G.711, G.719, G.722, G.722.1 Annex C/Polycom Siren14TM, G.728, G.729, MP3, MPEG4-AAC(LC/LD)
Network Protocol	TCP/IP, Telnet, HTTP, FTP, SNMP, DHCP, RTP/RTCP, NTP, PPPoE
Conference Bitrate	64Kbps-8Mbps
Resolution	Video: 1080p (1920 x 1080), 720p (1280 x 720), 4CIF (704 x 576) CIF (352 x 288), QCIF (176 x 144) Content: 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)
Code Capacity	H850-A: 1080p60 H850-C: 720p60
Decode Capacity	1080p60
Video Port	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, DV11 is default Out: DVI(main), HDMI, SDI, C, S simultaneous out Dual stream: In: choose 1 from 6, DV12 is default Out: DVI(aux) DVI 1 / HDMI as alternative input C / S as alternative input
Audio Port	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, HDMI, SDI all support audio Dual channel stereo supported
Control Port	1 x RS232, 1 x RS422, IR remote control
Network Port	2 x 10/100/1000M Ethernet
Other Ports	1 x FXO, 1 x USB (Hardware ready)
Video	Local display supported, Adjustable brightness, saturation, and contrast
Audio	Sampling frequency: 48 kHz AEC, ANS, and AGC supported Automatic labial synchronization supported, Mute and dumb
Dual-stream	H.239 supported Single/dual-screen dual-display supported Dynamic/static dual-stream supported, Adjustable bandwidth
Network Feature	Embedded proxy to realize NAT/firewall transversal IPLR (Intelligent Packet Loss Recovery) FEC (Forward Error Correction), Dynamic bitrate adjustment Qos(DiffServ, IP Precedence), Reconfigurable MTU IP confliction detection Automatic gateway finding and registration Automatic PPPoE re-call, IP backup
OSD Caption/Logo/Banner	OSD caption can be sent as short messages to MTs and MCUs. OSD caption can be scrolled, loaded configured. OSD banner overlay is supported. OSD banner background color, font sizes and fonts are configurable.
Security Features	Embedded OS, H.235 conference encryption AES encryption, Conference password authentication User authentication and authorization Lock OSD interface, Built-in firewall Settings Gateway password-protected
Management	SNMP supported Configuration can be performed on the GUI using web Online Telnet/FTP/ Web-based configuration and upgrade Event logs can be managed Self-tests and loop/ribbon/audio tests are supported Operating status testable, Alarm display and sending Real-time video/audio bitrate display Address book importing/exporting supported
Conference Functions	One-to-one/multiple conferences Endpoint join-in request, chairman request, speaker request, and chime-in request Calling by E.164 ID, alias, and IP addresses
Electricity	Power consumption: ≤80W, Power supply: DC 12V-14V
Operating Environment	Operating temperature: 0°C-45°C Operating humidity: 10%-90% (non-condensing) Atmospheric pressure: 70-106 kPa
Physical Characteristics	Dimensions: 44 x 443 x 360 mm (H x W x D), 1U Weight: 1.8 kg