

H650

Video Conferencing Meeting Terminal



Features

Interactive GUI Design, easy to use

- Run on Windows operating system
- Easy to achieve video conference function

Excellent network adaptability

- Embedded proxy to realize NAT/firewall transversal
- IPLR (Intelligent Packet Loss Recovery)
- Dynamic bitrate adjustment
- Qos(DiffServ, IP Precedence)

Abundant functions and features

- Support Picture in Picture (PIP), dual-stream sendig and receiving
- Recording
- H.265, Cloud features

Specifications

	H650
Applicable scenario	Middle/Small Meeting Room((100m ²) H650-LB: 5x Optical Zoom((30m ²) H650-B/C: 12x Optical Zoom(30m ² ~100m ²)
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	H650-B/-LB: 1080p30 H650-C: 720p60
Decode Capacity	1080p60
Built-in camera	Optical Zoom: H650-B/C: 12x H650-LB: 5x Sensor: 1/2.8 CMOS, 2-megapixel Lens: f=3.9-46.8mm , F=1.6 ~ 11 Horizontal view Angle: 72.5° Pan Range: ± 160° Tilt Range: -90° ~ +50°
Video Port	Input: built-in camera, 1 x VGA (dual stream) Output: 1 x VGA (dual stream) , 1 x HDMI (main stream)
Audio Port	Input: 1 x RJ11 Digital Mic, 1 x 3.5mm Output: 1 x 3.5mm Dual channel stereo supported
Control Port	1 x RS232, IR remote control
Network Port	1 x 10/100 M Ethernet
Other Ports	2 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
OSD Caption/Logo	OSD caption can be sent as short messages to MTs and MCUs. OSD caption can be scrolled, loaded. OSD logo can be configured.
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: ≤20W 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: 150 x 280 x 150 mm (H x W x D) Weight: (8 kg