Bringing
you
Closer

ZTE HD Video Conferencing
T700 8MX-M System

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Elegantly designed, easy to deploy and operate, providing a perfect video conferencing experience.

Introducing the ZTE T700 8MX-M (T700M): a brand new, embedded 5-way multipoint video conferencing system with an integrated wide angle PTZ camera. The T700M is easy to deploy in any working environment to create a more natural meeting experience. Delivering pin sharp 1080p HD video resolution and crystal clear high fidelity audio, the T700M is able to provide exceptional quality video and audio at an impressive price and performance. The T700M is the best choice for small and medium business users, remote office locations and home tele-workers requiring multi-way conferencing.

ZTE T700 8MX-M Features:

Outstanding Visual Communication Experience

The T700M not only delivers video resolutions up to 1080p 30fps, but also supports 720p 60fps which offers superior motion handling at half the latency. In addition, the T700M supports dual 720p 30fps video streaming which enables the user to simultaneously send one HD video stream and one HD content stream for crisp high motion data sharing. With HD video resolution and hi-fidelity audio support, the T700M delivers a high quality and uncompromised videoconferencing experience.

Easy Deployment

The integrated design of the T700M ensures a simple installation for any user. Using the mounting brackets provided, the T700M can be installed in a variety of locations including wall mounting or, on top or below a free-standing display. With an easy to use graphically driven menu system the T700M is very simple to operate and maintain. Easy deployment and ease of use ensures that the T700M videoconferencing system can be used effectively in any meeting environment.

Superior Call Quality

In order to maintain superior video and audio quality in every call across the most challenging and variable of network environments - the T700M uses a range of sophisticated management tools to automatically, and dynamically, adapt to network conditions. The T700M delivers rock solid images and crystal clear audio to ensure that each meeting is natural and productive as possible - every time.

ZTE T700 8MX-M Technical Specifications:

Unit Includes

- T700M codec with integrated high definition camera
- Omni-directional digital microphone
- Remote control
- Power supply
- Cables

Communications Protocol
- ITU-T H.323
- IETF SIP

Video Protocol
- H.261, H.263, H.263+, H.264, H.264HP

Audio Protocol
- G.711A, G.711U, G.722, G.722.1 Polycom®, G.722.1 Annex C Polycom®, AAC-LD

Other Protocol
- H.224, H.225, H.241, H.243, H.245, EDID, H.239

Network Protocol
- TCP/IP, DHCP, Telnet, HTTP, PPPOE

Remote Camera Control
- H.281

Bandwidth
- H.323 64Kb~8Mb
- SIP 64Kb~8Mb

Live Video Resolution
- 1Mb~8Mb: 1080p 30fps/720p 60fps
- 512Kb~1Mb: 720p 30fps
- 256Kb~512Kb: W576p(1024×576)
- 128Kb~256Kb: W288p(512×288), CIF
- 64Kb~128Kb: 1080p/16(480×272)

Content Video Resolution
- 640×480(VGA)

- 800×600(SVGA)
- 1024×768(XGA)
- 1280×768(WXGA)
- 1280×800(WXGA)
- 1280×1024(SXGA)
- 1366×768(WXGA)
- 1440×900(WXGA+)

Security
- AES 128-bit encryption(H.235)

Audio Features
- AGC/AEC/ANS

Video Features
- H.264 1080p@30fps+WXGA@5fps
- Dual 720p@30fps
- Content Preview
- PIP, POP

Network Self-adaption
- Automatic speed adjusting
- QOS of TOS, FEC

Main Functions
- MP conference up to 5 sites(H.264/ H.263, SDCP); lecture mode, discussion mode, auto mode

Other Functions
- Open API
- Special service number for conference

- T.140 text message and caption, banner
- Musical ring-tone
- Automatic call acceptance
- Telepresence mode support

Built-in PTZ Camera
- Image sensor: 5,000,000 pixels, 1/2.5 Inch CMOS
- Resolution : 1920×1080(1080p), 1280×720(720p)
- Lens: 10×optical zoom, f = 4.5-45.0mm; F1.8~F2.2; Auto focus
- White balance: auto, indoor, outdoor, one push automatic, manual
- Horizontal rotation angle: -100~+100 degree
- Minimum illumination: 15Lux(50IRE,F1.8)
- Video signal-to-noise: 50dB

Options
- 2nd A100 Digital Microphone Array
- Boundary Microphone
- 2nd Camera

Diagnosis
- Multi-level loop back
- Upgradeable via network
- PING testing
- IP address conflict testing
- Model test for fault detection
- Network status monitoring
- Model status monitoring
- Packet loss indicator
- Multi-level user management
- Restore factory settings
- QOS: IP priority

Interfaces

- Network: 10/100Base-T, 2×RJ-45(One IP network, one digital microphone)
- Video Input: 1×HDMI; 1×VGA/YPbPr; 1×CVBS(Reserved)
- Video Output:1×HDMI; 1×VGA/YPbPr; 1×CVBS(Reserved)
- Audio Input:1×MIC; 1×PC line; 1×LAN(Digital microphone A100)
- Audio Output:1×PC line; 1×HDMI

- Expansion: 2×USB(Reserved)

Electrical Characteristics

- Voltage: 100VAC~240VAC, 50HZ~60Hz
- Power: ≤50W
- Power Interface: 15V/5A

Physical Characteristics

- Dimension: 450.5mm×158.5mm×137.5mm
- Weight: 3kg

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