

GMEET

GMEET HD ROOM 90

All-in-One HD Video Conferencing System



Main Features

- All-in-one Design**

All-in-one design, Camera + Video Conferencing System built-in-one device, simple to use. Support external microphone, small size, easy to install.

- 72.5° Wide-angle Lens**

Use 72.5° wide-angle high quality lens, support 12x optical zoom.

- Standard protocols, fusion**

Support the standard SIP, H.323 protocol, adapted the industry mainstream standard terminal and the network side device.

- Low bandwidth, high-definition**

Support for the latest H.264 coding standard H.264, about 50% less bandwidth requirements compare with previous encode standard.

- High network adaptability and security**

Support H.460 through firewall technology, solution and solve the safety of the public and private network connection. Support multiple encryption protocol, such as H.235, HTTPS, TLS etc, omni-directional protect the communication security.

- 1080P Full HD**

Support 1080P Full HD video, except built-in HD camera, support another (DVI-I: HDMI, VGA/YpPr) HD video input. Support 2 channel HDMI for output.

- Base on embedded DSP solution**

Base on embedded DSP hardware solutions, RESTful API runtime environment, support custom UI and third-part applications, the development of applications that can be deployed inside the terminal or external.

- GMEET CLOUD**

Clients Available on windows, Mac, Linux, Android, IOS and Browsers

- Built-in HD MCU (optional)**

Support built-in MCU, max to 1 + 3 mode. Very appropriate to use video conference on the small and medium-sized enterprises, low-cost, simple maintenance and so on.

- Built-in VPN**

Support built-in VPN (Server / Client) application, can implement private network without a private network.

System Units

- HD codec (built-in HD camera) x 1
- Omni-array microphone (pick up distance: >= 5m) x 1
- Remote control x 1
- AC power adapter x 1
- AC power cable x 1
- HDMI cable (1.5m) x 2
- XLR jack to 3.5mm jack cable x 1
- User manual (Quick Start, Quick Installation Guide) x 1

Standard and protocols

Standards and protocols	ITU-T H.323, IETF SIP
Video Standards and protocols	H.261, H.263, H.263+, H.263++, H.264, H.264 High Profile
Audio Standards and protocols	G.711, G.722, G.722.1*, G.722.1C*, AAC-LD, G.723.1, G.726, G.728, SILK
Dual Stream	ITU-T H.239, BFCP
Other Standards	H.221, H.225, H.235, H.241, H.245, H.281, H.350, H.460, T.140, DTMF
Network Standards and protocols	TCP/IP, DHCP, SSH, HTTP, HTTPS with SSL/TLS, RTP, RTCP, RFC3261, RFC3264, RFC2190, RFC3407, RFC2833, RFC4585(RTP/AVPF), SNMP, ARP

Video Specifications and Features

People Video Resolution	<ul style="list-style-type: none"> • 1080p, Guaranty bandwidth: 512Kbps • 720p, Guaranty bandwidth: 384Kbps • 4SIF/4CIF, Guaranty bandwidth: 128Kbps • SIF/CIF/QSIF/QCIF/SQSIF/SQCIF, Guaranty bandwidth: 64Kbps
Content Video Resolution	<ul style="list-style-type: none"> • Input: VGA (640x480), SVGA (800x600), XGA(1024x768), WXGA(1280x768), WXGA (1280x800), 1280x960, SXGA(1280x1024), 1360x768, 1366x768, 1440x900, XGA+(1400x1050), 1600x900, 1600x1200, 1680x1050, 720p(1280x720), 1080p(1920x1080) • Coding/Decoding Resolution: 800x600, 1024x768, 1280x1024, 1280x720, 1920x1080 • Output: 800x600, 1024x768, 1280x1024, 1280x720, 1920x1080
Dual Stream	Dual 1080p or dual 720p
Built-in 1080p HD Camera	<ul style="list-style-type: none"> • Video input pixels: 1080p • Sensor: 2.07 mega effective pixel, 1/2.7-inch CMOS • Zoom: 12x optical zoom • Maximum horizontal angle: 72.5° horizontal field of view • Panning/Tilting angle: +/-170° pan, -30° - +90° tilt • Automatic White Balance (AWB), Automatic Exposure (AE), Automatic Focus (AF) • Far-end camera control • Upside-down mounting with automatic flipping of picture • Number of preset positions: 10
Other Video Features	PIP (Picture in Picture), PoP (Picture outside Picture)

Application Features

Languages	English,
Approval and Compliance	<ul style="list-style-type: none"> • 1000 local address book • LDAP/Network address book, H.350
Special Features	<ul style="list-style-type: none"> • Audio associated with presentation • Support "SameView" • Timing power on and power off • Automatic standby and wake up on incoming call • Support DNS SRV • Incoming call password • Asymmetric bandwidth • Built-in VPN • Automatic to get static NAT address • PIP: 1/16 picture size, optional position • Split output: Bi-screen and tri-screen display • Network address book • Support SDK API • Built-in MCU (optional) • Support web-based conference management • Support USB microphone • Remote Control: H.224, H.281 • Remote upgrade by network

Interfaces

Audio Input	1 x 3.5mm line-in jack, 1 x 3.5mm mic-in jack
Audio Output	1 x 3.5mm line-out jack, 1 x HDMI audio output
Video Input	1 x DVI-I (HDMI, VGA/YpPr)
Video Output	2xHDMI
USB Interface	2 x USB2.0 Host (support USB flash disk, USB microphone etc.)
Network Interface	1 x RJ45: 10/100 Base-T



Audio Specifications and Features

Audio features	<ul style="list-style-type: none"> • AEC (Acoustic Echo Cancellation) • AGC (Automatic Gain Control) • ANS (Acoustic Noise Suppression) • Lip synchronization
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Security and Stability

Network	FEC (Forward Error Correction), ARQ (Automatic Repeat-reQuest) etc.
Security	<ul style="list-style-type: none"> • H.235 (AES) signaling and media stream encryption • Administrator password, SSH/HTTPS
Firewall Traversal	H.460.18/19, H.460.23/24, ICE

Bandwidth

IP 64kbps ~ 8Mbps

Cloud Integrate

Support Brands GMEETCloud



Physical Characteristics

Dimensions	<ul style="list-style-type: none"> • Codec dimensions (L x W x H): 240mm x 148mm x 157mm • Package dimensions (L x W x H): 304mm x 248mm x 257mm • Net weight: 1.8Kg • Package weight: 2.6Kg
Electrical	<ul style="list-style-type: none"> • Working voltage: AC 100V - 240V, DC 12V • Working frequency: 50/60Hz • Power consumption: 24W
Environmental Specification	<ul style="list-style-type: none"> • Operating temperature: 0°C to 40°C • Operating humidity: 10% to 80% • Non-Operating temperature: -40° to -70°C • Non-Operating humidity (non-condensing): 0% to 95% • Peripheral noise: < 46 dBA SPL • Lowest luminance: 5 lux • Recommended luminance: > 300 lux"
Approval and Compliance	CE AND NABL