JD2000-G
Video Recorder/Manager

Features

High-performance and high-capacity

- Up to 64 HD terminals
- Up to 16 group meetings simultaneously
- Max. Network throughput: 256Mbps
- Supports 4 TV wall servers stack
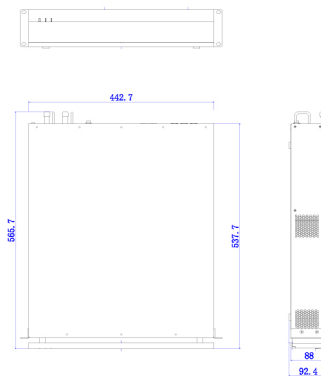
Excellent network adaptability

- Embedded proxy for NAT and firewall traversal
- IPLR (Intelligent Packet Loss Recovery)
- Qos (DiffServ, IP Precedence)
- Stream uploading and smooth sending control
- Automatic redial if there is any disconnection
- Multi-network-segment access
- Supports satellite network

High reliability

- Embedded OS
- 1+1, N+1 hot backup
- Dual network port hot backup
- Dual power hot backup

Dimensions

Units:mm

442.7

565.7

537.7

88
92.4

KEDACOM

JD2000-G	
System Standards	H.323, SIP H.225, H.235, H239, BFCP, H.245, H.281
Video Standards	H.261, H.263, 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, Telnet, HTTP, FTP, SNMP, DHCP, RTP / RTCP, NTP
Bitrate	64 Kbps to 8 Mbps
Capacity	8 / 12 / 16 / 24 / 32 / 40 / 48 / 56 / 64 Channels Network Throughput: 256Mbps Proxy Throughput: 128Mbps
Video Resolution	Video: 1080i/p (1920 x 1080), 720p (1280 x 720), 4CIF (704 x 576), CIF (352 x 288), QCIF (176 x 144) Content: UXGA (1600 x 1200), SXGA+ (1400 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)
Continuous Presence	1 / 2 / 3 / 4 / 6 / 7 / 8 / 9 / 10 / 13 / 15 / 16 CP Two modes for video source: dynamic following and manual specifying The speaker and chairman can be distinguished by window frame colors displayed
Video Wall	Supports external video wall server, up to 4 servers
OSD Caption	OSD caption can be sent as short messages to all terminals or specified terminals OSD caption can be scrolled Contents in a file (.txt) can be uploaded to be configured as OSD caption
Audio	Customized or auto audio mixing Channle mute, Channel dumb Voice active detection
Dual Stream	H.239 supported Configurable video format and resolution The permission for initiating dual streams can be controlled
Embedded GateKeeper	Endpoint registration Address resolution Call control Bandwidth control Regional management
Recording and Playback	recordings and recording playbacks can be controlled by using KEDACOM multimedia server
Network	Embedded proxy for NAT and firewall traversal Intelligent Packet Loss Recovery (IPLR) DiffServ, IP Precedence (Quality of service [QOS]) Stream uploading and smooth sending control Automatic redial due to disconnection Multi-network-segment access Supports satellite network
Security Features	Embedded OS H.235 conference encryption AES encryption Conference password authentication, conference lock protection User authentication and role-based authorization
Reliability	Dual network port hot backup Dual power hot backup 1+1, N+1 hot backup
Management	SNMP Web / Telnet / FTP Event logs Online diagnosis and troubleshooting
Interfaces	3 x Gigabit network ports, RJ45 interface (LAN 1 and LAN 2 are used as backup, LAN 3 is reserved) 2 x USB, 1 x RS232
Environmental	Ground resistance: ≤5Ω Operating temperature: 0°C ~ 45°C / 32 °F ~ 113 °F Operating humidity: 10% ~ 90% Atmospheric pressure: 70 ~ 106kPa
Electrical	Power: Dual redundant power supply, 100 ~ 240V AC, 50 ~ 60Hz Power consumption: Max. 250W
Mechanical	Weight: <10kg / 22lb Dimensions: 93 x 443 x 566mm / 3.66" x 17.44" x 22.28"