The first Multipoint Control Unit (MCU) designed specifically for the enterprise market. Connect multiple audio and video sites in one or more simultaneous conferences. Easily deployable and scalable, the TANDBERG MCU supports mixed ISDN and IP video calls, and supports H.264 to provide the optimal video experience. For larger organizations, deploying multiple TANDBERG MCUs builds highly-scalable distributed architecture into a video network.
**TANDBERG MCU SYSTEM CAPACITY**
- Number of video conferencing endpoints: 16
- Number of audio only endpoints: 16
- Up to 3 simultaneous conferences
- Supports H.264 at 768kbps, 30fps, CIF

**ENDPOINTS SUPPORTED**
- ISDN (H.320) videoconferencing endpoints
- IP (H.323) videoconferencing endpoints
- Analog / IP telephony

**TANDBERG MCU BANDWIDTH**
- H.320 up to 2 Mbps
- H.323 up to 2 Mbps

**TANDBERG MCU VIDEO STANDARDS**
- H.261, H.263, H.263+, H.263++, H.264

**TANDBERG MCU AUDIO STANDARDS**
- G.711, G.722, G.722.1, G.728

**LIVE VIDEO RESOLUTIONS**
- Native PAL:
  - QCIF (176 x 144 pixels)
  - CIF (352 x 288 pixels)
- Native NTSC:
  - SIF (352 x 240 pixels)
  - 4SP (704 x 480 pixels)
- Native PC resolutions:
  - VGA (640 x 480 pixels)
  - SVGA (800 x 600 pixels)
  - XGA (1024 x 768 pixels)

**TANDBERG MCU TRANSCODING**
- Restricted/unrestricted interfaces and bandwidths from 56 kbps - 2 Mbps in the same conference

**TANDBERG MCU NETWORK INTERFACES**
- 4 x E1 / T1 G.703 (RJ-45) for ISDN PRI
- 2 x LAN / Ethernet (RJ-45) 10/100 Mbit

**ETHERNET / INTERNET / INTRANET CONNECTIVITY**
- TCP/IP, DHCP, SSL, ARP, FTP, Telnet, HTTP, HTTPS
- SNMP Enterprise Management
- Embedded WEB server

**ENVIRONMENTAL DATA**
- Operating Temperature: 0°C to 35°C (32°F to 95°F) ambient temperature
- Relative Humidity (RH): 10% to 90%
- Storage and Transport Temperature: -20°C to 60°C (-4°F to 140°F) at RH 10 - 90% (non-condensing)

**PHYSICAL DIMENSIONS**
- Height 1.7" / 4.4 cm
- Width 17.4" / 44.2 cm
- Depth 12.5" / 31.8 cm
- Net weight 11.3 lbs / 5.15 kg
- Power 100-240 VAC, 50 / 60 Hz
- 90W max. power consumption
- 19" rack mountable

**SYSTEM MANAGEMENT**
- Total management via embedded web server using HTTPS, SNMP, Telnet and FTP
- Conference scheduling via the TANDBERG Scheduler

**EMBEDDED WEB SERVER**
- Total Conference and call control
- System diagnostics and configuration
- Snapshot of ongoing conference

**H.323 NETWORK FEATURES**
- DiffServ
- IP Precedence
- TOS
- RSVP
- IP SLA

**DUOVIDEO™**
- Broadcast of a site’s presentation (all supported video resolutions)
- Supported in Continuous Presence and Voice Switched mode
- Support for People+Content™ on H.320

**SYSTEM FEATURES**
- Total management via embedded web server using HTTPS, SNMP, Telnet and FTP
- 1 x RS-232 for local software upgrades, local control and diagnostics
- Conference scheduling via the TANDBERG Scheduler

**OTHER SUPPORTED STANDARDS**

**TANDBERG MCU FEATURES**
- Dial in / dial out capabilities
- ISDN & IP Downspeeding™
- Automatic Continuous Presence switching (CP4 / CP9 / CP16 / CP5+1 / C7+1 / auto)
- Voice Switched
- Best Impression – Automatic change of video image layout and resolution dependent on the number of participants
- Supports two-level distribution of MCUs, with automatic Master/Slave negotiation and up to 240 participants at 384kbps
- 4 sites at 2 Mbps, 10 sites at 768 kbps, 16 sites at 384 kbps
- 1 x RS-232:
  - E1 PRI
  - 4 sites at 2 Mbps, 10 sites at 768 kbps, 16 sites at 384 kbps
- IP / SIP:
  - 4 sites at 2 Mbps, 10 sites at 768 kbps, 16 sites at 384 kbps

**TRANSCODING**
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**VIDEO FEATURES**
- Custom "Welcome" Pictures (JPEG)
- Custom "Password" Pictures (JPEG)
- Snapshot of ongoing conference (JPEG)
- Separate welcome page for encrypted conferences

**FRAME RATES**
- Up to 30 fps in Continuous Presence, Voice Switched and presentation mode

**SECURITY FEATURES**
- IP Administration passwords
- Password protected conference
- DTMF Password
- Management via HTTPS
- IP password
- Services may be disabled: FTP, Telnet, SNMP, HTTP, HTTPS, H.323

**OTHER SUPPORTED STANDARDS**

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**TF indicates a TANDBERG First**

System features vary depending on network selection and software package. All specifications subject to change without notice.

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