Designed for small groups and offices, this mobile, wireless system offers secure, high-quality communications in a compact space. This self-standing, fully-integrated system features a widescreen LCD monitor and CD-quality audio.

**DESIGN FEATURES**
- Designed for small groups and office environments
- Elegantly designed all-in-one conference & presentation system
- Integrated 23" widescreen LCD
- Integrated wide angle view camera with extensive zoom, pan and tilt
- Wheeled floor stand with small footprint

**APPLICATION FEATURES**
- LCD can be used as PC monitor during a video meeting
- Join up to 4 video sites and 3 audio sites with embedded MultiSite functionality
- Best possible call for each MultiSite participant with rate matching and transcoding
- Powerful live presentations through one-step PC plugin or LAN connection
- View presentations and presenter simultaneously
- TANDBERG Expressway™ Technology
- URI Dialing

**PERFORMANCE FEATURES**
- Choice of Network: up to 512 kbps ISDN or external network (H.320)/2 Mbps IP (H.323 or SIP)
- PC card slot for wireless connection
- Highest level of embedded encryption as well as IEEE 802.1x and H.235 authentication for security
- True CD-quality audio
- Protection against network interruptions in point-to-point and multipoint calls with automatic Down-speeding and IPLR
- Superior video quality incorporating the H.264 standard

**TANDBERG Profile**
**2000 MXP**
MULTISITE FEATURES
H.323/H.320/SIP/Telephony/VoIP in the same conference
Audio and Video transcoding
Video rate matching from 56 kbps — maximum conference rate
CPA and Voice Switching
Best Impression (Automatic CP Layouts)
H.264, Encryption, Digital Clarity
Dual Stream from any site
ISDN & SPID and Downspeeding and IPLR
MultiSite (H.243) Cascading on H.320 & H.323
Unicide H.243 Terminal Names
Dual In/Dual Out
Chair control for host system
Snapshot of ongoing conference (JPEG)
Snapshot of ongoing DviDio (H.239)
Separate welcome page for encrypted conferences
Conference rates up to 2.3 Mbps
Up to 4 and video and 3 audio sites
4 sites * 768 kbps (+telephone calls)
Mix (ISDN/ERT) up to maximum conference rate
EMBEDDED ENCRYPTION
H.320 and H.323 point-to-point and multipoint calls
Standards based IS0, H.234, H.223 v2x83, DES and AES
NIST-validated AES
NIST-validated DES
Automatic, key generation and exchange
Supported in Dual Stream & MultiSite
IP NETWORK FEATURES
IEEE 802.1x/EAP Network Authentication
H.235 Gatekeeper Authentication
DNS lookup for service configuration
Differentiated Services (DiffServ)
Resource Reservation Protocol (RSVP)
IP precedence
IP type of service (ToS)
IP adaptive bandwidth management (including flow control)
Auto gatekeeper selection
Dynamic playlist and link-sync buffering
Intelligent Payload Loss Recovery (IPLR)
H.245 DTMF tones in H.323
Cisco CallManager integration using ECS
IP Address Conflict Warning
Date and Time support via NTP
Call Services
IP v6 NETWORK SUPPORT
Dual Stack IPv4 and IPv6 simultaneous support
Net service support for IPv4: Telnet, SSH, HTTP/HTTPS, ftp, SNMP Services, DNS, DHCP Option
Media support on IPv6: H.323, MTP, SIP Streaming
SECURITY FEATURES
Management in Local and Remote
SSH Authentication
IP Administration Password
Menu Administration Password
Password Protection
External Access control
External Account management
Authentication via NTLM
SIP Authentication via Digest
NETWORK INTERFACES
4 x ISDN BRI (RJ-45), S-Interface
1 x LAN/Ethernet (RJ-45) up to 10 Mbit LAN (DSL/Cable modem)
1 x PC card slot (PCMCIA) for wireless LAN
1 x USB for future usage
WIRELESS LAN SUPPORT
Compliant with ETSI EN 300, 11 up to 11 Mbit Support for 64/128 bit encryption (WEP) infrastructure or ad-hoc mode
ETHERNET/INTERNET/INTRANET CONNECTIVITY
TCP/IP DCE/DCC 8 TRF Telnet, HTTP HTTPS, SOAP and XML,
MD-5 Challenge
SNMP Enterprise Management
Internal internet streaming server
OTHER MAJOR FEATURES SUPPORTED
RTP 22, RFP 221, RFC 3261, RFC 2237, RFC 3264, RFC 3550, RFC 3502, RFC 2190, RFC 2429, RFC 1407
W.A.V.E. (WIDE ANGLE VIEW) II CAMERA
10 x zoom 1/4" CCD +15/+20° tilt */+95° pan
61° vertical field of view
56° total horizontal field of view
77° horizontal field of view
267° total horizontal field of view
406 (PAL)/470 (NTSC) TV lines
Min. illumination 2 Lux (F1.8)
Auto or manual focus/width/height/white balance
End-camera control
15 near and far end camera presets
Voice-activated camera positioning
CLOSED CAPTIONING/TEXT CHAT
T.140 text chat available from Telnet, Web and User Interface
PRESENTATIONS AND COLLABORATION
Internet Presenter Package including:
PC Presenter (DVI-I, SXGA In)
PC SoftPresenter
Digital Clarity & Native Formats
Advanced Video Layouts
Streaming compatible with Cisco IP/TV, Apple QuickTime, RealPlayer®, MMS etc.
SYSTEM MANAGEMENT
Support for the TANDBERG Management Suite
Configuration management via embedded web server, SNMP
Telnet, SSH, FTP and SOAP
Remote software update: via web server, ftp server or ISDN
1 x RS-232 local control and diagnostics
Remote control and on-screen menu system
External Services from TANDBERG
DIRECTORY SERVICES
Support for Local directories (My Contacts), Corporate Directory and Global Directory
Unlimited entries using Server directory * supporting
LDAP and H.350
Unlimited number for Corporate directory (through by TMS)
400 number global directory
200 number local directory
16 dedicated MultiSite entries
Received Calls with Date and Time
Registrations in Local Languages
Placed Calls with Date and Time
Missed Calls with Date and Time
16 SELECTABLE MENUE LANGUAGES
Arabic, Simplified Chinese, Traditional Chinese, English, French, German, Italian, Japanese, Korean, Norwegian, Portuguese, Russian, Spanish, Swedish and Thai
Chinese, Korean and Japanese Input Method Editor Import Custom Language through TMS
CUSTOMIZED WELCOME SCREEN AND COMPANY LOGO
Picture JPEG (logo.jpg): Recommended maximum size is 304x356 for Welcome Screen and 352x288 for Encryption Required Screen
POWER
Auto-sensing power supply
100–200–240 VAC, 50–60 Hz
52 watts max. for codex
120 watts max. for monitor
OPERATING TEMPERATURE AND HUMIDITY
0° C to 35° C (+32° F to 95° F) at ambient temperature
10% to 90% Relative Humidity (RH)
STORAGE AND TRANSPORT TEMPERATURE
-20° C to 60° C (+4° F to 140° F) at Rs 10–50%
(non-condensing)
APPROVALS
Directie 73/35/EEC (Low Voltage Directive)
- Standard EN 60950
- Standard EN 55022, Class B
- Standard EN 55024
- Standard EN 61000-3-2/-3
Directie 1999/5/EC (R&TTE Directive)
Standard TBR3
Approved according to UL 60950
and CAN/CSA-C22.2 No. 60950
Complies with CE Class B
UNIT DIMENSIONS
Height: 131.2 cm (52 inches)
Width: 61.8 cm (24 inches) wide
Depth: 39.1 cm (15.3 inches) deep
Footprint: 56 cm (22 inches) wide x 39.1 cm (15.3 inches) deep
Weight: 24.6 Kg (54 lbs)
*Requires TANDBERG Management Suite 9 or newer
All specifications subject to change without notice,
system specifics may vary.
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MTBF PRODUCT RELIABILITY/MTBF
The predicted reliability is expressed in the expected random Mean Time Between Failures (MTBF) for the electronic components based on the Power On Hours, Power On Hours (POH) = 60 000 hours
Useful Life Cycle = 6 years
ISO 9001 certificate is available upon request