The TANDBERG Codec C60 is the next generation, 1080p HD video collaboration engine. Designed with the integrator in mind, the C60 provides the flexibility to incorporate HD video and collaboration into many more team-based applications. Integrate into meeting rooms, boardrooms and special industry projects simply and easily.

**DESIGN FEATURES**
- The next generation HD video collaboration codec for every team room
- 1U high, rackmountable, with rack-mounting solution included
- Professional-grade connectors
- Unmatched quality and flexibility
- Standards-compliant 1080p solution — compatible with standards-based video without losing features

**APPLICATION FEATURES**
- 720p30 HD embedded multiSite with individual transcoding
- Collaborate on virtually anything with 4 video
- HD Collaboration with 1080p30 and UXGA
- Limitless integration possibilities
- Ideal for team-based collaboration and industry applications

**PERFORMANCE FEATURES**
- Optimal definition up to 1080p
- H.323/SIP up to 6 Mbps point-to-point
- Connect up to 5 HD sources and 4 microphones directly into the interface
- Full duplex audio with high-quality stereo sound
- Full APIs
- Takes advantage of the TANDBERG Total Solution Management, transcoded HD multiSite, recording and streaming, firewall traversal

Also available as an integrator package with a PrecisionHD™ 1080p camera and one microphone.
UNIT DELIVERED COMPLETE WITH:
Videoconferencing codec, wireless remote control, rack mounting rails, LAN cable, power cable

BANDWIDTH
H.323/SIP up to 6 Mbits point-to-point

FIREWALL TRAVERSAL
TANDBERG Expressway™ Technology
H.460.15, H.460.19 Firewall Traversal

VIDEO STANDARDS
H.261, H.263, H.263+, H.264

VIDEO FEATURES
Native 16:9 WideScreen
Advanced Screen Layouts
Intelligent Video Management
Local Auto Layout

VIDEO INPUTS (5 INPUTS)
- 1280 x 1024@30fps (SXGA)
- 1024 x 768@30fps (SVGA)
- 1280 x 720@60fps (720p60)
- 1280 x 720@75fps (720p75)
- 2048 x 1536@25fps (UWXGA)

AUDIO FEATURES
- AAC-LD Stereo
- Upside-down mounting with automatic flipping of picture
- Dual HDMI and HD-SDI output
- Daisy-chain support (Visca protocol camera)
- Far-end camera control

DUAL STREAM
H.239 (H.323) dual stream
BFCP (SIP) dual stream
Support for resolutions up to 1080p30 in both main stream and dual stream simultaneously

MULTISITE FEATURES
4-way 720p30 High Definition SIP/H.323 MultiSite
Full individual audio and video transcoding
- Individual layouts in MultiSite CP (Takes out SelfView)
H.323/SIP/VPsync in the same conference
Best Impression (Automatic CP Layouts)
H.264, Encryption, Dual Stream from any site
IP Downsampling
Dial In/Dial Out
Conference rates up to 10 Mbits

PROTOCOLS
H.323, SIP

EMBEDDED ENCRYPTION
H.333/3 SIP point-to-point
Standards-based: H.235 v2 & v3 and AES
Automatic key generation and exchange
Supported in Dual Stream

IP NETWORK FEATURES
DNS lookup for service configuration
Differentiated Services (QoS)
IP adaptive bandwidth management (including flow control)
Auto gatekeeper discovery
Dynamic playout and lip-sync buffering
H.245 DTMF tones in H.323
Date and Time support via NTP
Packet Loss based Downsampling
URI Dialing
TCP/IP
HDCH

SECURITY FEATURES
Management via HTTPS and SSH
IP Administration Password
Menu Administration Password
Disable IP services
Network Settings protection

NETWORK INTERFACES
1 x LAN/ETHernet (RJ-45): 10/100/1000 Mbit

OTHER INTERFACES
USB host for future usage
USB device for future usage

PRECISION10 1080P CAMERA
1/3” CMOS

LIVE VIDEO RESOLUTIONS (ENCODE/DECODE)
176 x 144/30fps (QCIF)
352 x 288/30fps (CIF)
512 x 288/30fps (w288p)
576 x 448/30fps (448p)
728 x 448/30fps (w448p)
704 x 576/30fps (4CIF)
2048 x 576/30fps (w576p)
640 x 480/30fps (VGA)
800 x 600/30fps (SVGA)
2048 x 1080/30fps (UXGA)
1280 x 1024/30fps (WXGA)
1280 x 720/30fps (HD720p30)
1500 x 1080/30fps (HD1080p30)

AUDIO STANDARDS
G.711, G.722, G.722.1, 64 bit & 128 bit MPEG4 AAC-LD, AAC-LD Stereo

AUDIO FEATURES
- CD-quality 20KHz Mono and Stereo
- Four separate acoustic echo cancellers
- 4-port Audio mixer
- Automatic Gain Control (AGC)
- Automatic Noise Reduction
- Active lip synchronization

SYSTEM MANAGEMENT
Support for the TANDBERG Management Suite
Total management via embedded SNMP, Telnet, SSH, SSL, SOAP
Remote software upload: via web server, SCP, HTTP, HTTPS
1 x RS-232 for local control and diagnostics
Remote control and on-screen menu system

DIRECTORY SERVICES
Support for Local directories (My Contacts)
Corporate Directory
Unlimited entries using Server directory supporting LDAP and H.350
Unlimited number for Corporate directory (through TMS)
200 number local directory
Received Calls
Missed Calls with Date and Time

POWER
Auto-sensing power supply
100–240 VAC, 50/60 Hz
175 watts max., for codec, and main camera

OPERATING TEMPERATURE AND HUMIDITY
0°C to 35°C (32°F to 95°F) ambient temperature
10% to 90% Relative Humidity (RH)

STORAGE AND TRANSPORT TEMPERATURE
-10°C to +60°C (-14°F to 140°F) for RH 10–90% (non-condensing)

APPROVALS
Directive 2006/95/EC (Low Voltage Directive) — Standard EN 60950-1
Approved according to UL 60950-1 and CSA 60950-1.07
Complies with FCC Class B

DIMENSIONS
Length: 17.4”/44.2 cm
Height: 1.7”/4.4 cm
Depth: 10.9”/27.8 cm
Weight: 8.8 lbs/4 kg

* not supported in version 1, available in future software version
** requires option
*** only one LAN/ETHernet interface supported in version 1

FCC Part 15, Subpart C
Class B

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