

MITEL UC360 COLLABORATION POINT



MULTIMEDIA COLLABORATION APPLIANCE

Mitel® UC360™ Collaboration Point is an all-in-one multimedia collaboration appliance that provides multi-party audio and video conferencing, in-room presentation display, and remote collaboration for the personal office meeting space.

WHAT MAKES UC360 COLLABORATION POINT UNIQUE

UC360 is a first-of-its-kind, all-in-one collaboration solution that delivers superior audio performance and rich multimedia collaboration. Nothing exists today that combines the audio, video, and presentation display capabilities into a single, easy to install and use appliance. UC360 makes multimedia collaboration cost effective and accessible to organizations of any size.

- Patented beamforming technology delivers HD audio clarity to all participants.
- Automatic video call escalation once an audio call is established – video is as easy as making a phone call.
- Built-in Pictel SmartOffice™ suite provides access to Microsoft® Office applications that are used for visual collaboration capabilities across organizations – cloud-enabled document access from Google® Docs™ and Dropbox.
- Remote Desktop (RDP) capability allows access to a remote PC from UC360 for visual collaboration with any application on that PC.

FEATURES

- High-resolution, seven-inch colour multi-touch display (1024 x 600 dpi) provides intuitive user interface for access to call handling features, corporate directory, and audio, collaboration, and video functions
- Superior audio conferencing capability including beam forming array of 16 microphones and 22 KHz High Definition (HD) Audio Support
- Patented beamforming technology automatically locates the talker in the room while attenuating background noise by intelligently adjusting the microphone sensitivity towards the current talker – provides visual indication of the active microphone beam
- In-room presentation display capability via built-in HDMI interface that connects to high definition (1080p) LCD display or projector
- Built-in four-party HD Video Conferencing bridge
 - Up to 720p x 30fps video conferencing support
 - HD multi-party audio / video conferencing capabilities with built-in four-party bridge (one local + three remote)
- Next generation “zero learning curve” GUI that portrays a 3D environment with animation that delivers unparalleled ease of use
- External presentation display capability to remote video participants
- Embedded SmartOffice Suite enables user to view / modify PowerPoint®, Word, Excel®, and PDF files
- Support for remote desktop access (RDP)
- No laptop required to display presentation material in-room and to remote participants – access files via Google Docs, Dropbox, USB Flash Drive, Micro SD Card, or RDP
- Corporate Directory access (Active Directory® / LDAP)
- “Consultation Call” support: ability to set up a call with an external participant outside of the conference bridge even when the bridge is full

- Open, standards-based multimedia interoperability (SIP, H.264)
- Five one-touch buttons for dedicated Home, Menu, Back, Mute, Volume Up / Down functions
- Support for connection of Ethernet Cameras (up to 720p x 30 fps) that support H.264 codec
- Single GigE LAN Port
- Two USB 2.0 connections for transferring files / accessories support
- Support for USB-connected wireless keyboard and mouse
- Provides audible tone alerts when a party on a conference call has entered or dropped off the conference
- Supports operation behind the Mitel Border Gateway (MBG) as a solution to ensure firewall / NAT traversal as well as to support communication between Teleworker / Branch Office locations
- Powered via Power over Ethernet (PoE); Optional PoE Universal Power Adapter or Multi-port PoE Gigabit (Gb) Switch also available
- Technology designed to resist GSM interference from mobile phones and other wireless devices, delivering clear communications without noise distractions
- Audio and in-room display option for small meeting rooms

TECHNICAL SPECIFICATIONS

PRODUCT VARIANTS

- UC360: Audio Conference Bridge with In-room Collaboration (PN 50006580)
- UC360: Audio and Video Conference Bridge with In-Room and Remote Collaboration (PN 50006591)

SYSTEM REQUIREMENTS

- Mitel Communications Director (MCD), Release 5.0 SP2
- Mitel Border Gateway (MBG), Release 7.1

POWER

- IEEE 802.3at Power over Ethernet (Class 4) compliant
- Optional Gb PoE Adapter, Universal, 90-264 V, 48 VDC 50 – 60 Hz (PN 51301151)
- Optional Multi-port Gb PoE Adapter, Universal, 90-264 V, 48VDC 50 – 60 Hz (PN 51301282)

POWER CONSUMPTION

| | 10/100 Mb Mode | Gb Mode |
|---------|----------------|---------|
| Idle | 4.5 W | 5.7 W |
| Typical | 8.1 W | 9.2 W |
| Maximum | 16.2 W | 20.0 W |

DISPLAY

- Resolution: 1024 x 600
- Size: seven inch
- Color multi-touch TFT display
- Backlit display with adjustable brightness

KEYPAD / FEATURE KEYS

- Standard 12-key touch screen based keypad (0 – 9, *, #)
- Five off-display touch buttons with icons for dedicated Home, Menu, Back, Mute, Volume Up/ Down functions

AUDIO FEATURES

- Beam-forming microphone array – 16 microphones
- Frequency Response: 150 Hz to 22 kHz
- 13 ft (4 m) microphone pickup
- Maximum Speaker Volume: 80 dB at 1 meter peak volume
- Speaker / Ringing Volume range: 36 dB over 12 steps (volume remains at last setting used)
- Full-duplex speakerphone for natural conversation
- Volume control settings with on-screen display indication
- Automatic Gain Control (Beam former)
- Voice activity detection
- DTMF tone generation / DTMF event RTP payload
- Low-delay audio packet transmission
- Adaptive jitter buffers
- Packet loss concealment
- Acoustic echo cancellation
- Supported Codecs: G.711 (A-law and u-law): G.729a, G.722, G.722.1

ROOM SIZE (MAXIMUM)

- 9,800 feet³ (277 m³)
- 35 x 35 feet (10.7 x 10.7 m)

VIDEO AND COLLABORATION FEATURES

- Up to four-party Video Conference (one local and three remote)
- H.264 support
- 720p x 30 frames per second (video)
- 1080p (in-room presentation)

PERIPHERAL DEVICE SUPPORT

- HDMI Display
- HDMI Projector / Pico Projector
- Ethernet (LAN) Video Camera
- USB keyboard and mouse (wireless recommended)

CAMERA SPECIFICATIONS / REQUIREMENTS

- ONVIF compliant Ethernet camera (Open Network Video Interface Forum)
- Supports H.264 video compression
- Supports video resolution up to 720p @ 30 fps
- Supports video streaming via RTP over UDP
- Provides a 10BASE-T/100BASE-TX Ethernet network interface

SIP CALL HANDLING FEATURES

- Make Calls
- Receive Calls
- Advanced built-in four-party conferencing
- Call Hold / Retrieve
- Speakerphone Volume Controls
- Mute
- Ringing Volume Controls
- Configurable dialing plan support
- Search function
- One-touch contacts speed dial

TONE PLANS

UC360 can be configured to generate country specific call progress tones. Tone plans are supported for the following countries or regions: Australia, Canada, France, Germany, Italy, Latin America (Argentina, Chile, Mexico), Netherlands, New Zealand, Portugal, Spain, UK, USA

OTHER FEATURES

- SIP Resiliency
- Status Bar: Network Status
- Settings: Brightness, Clean Mode, Advanced Settings, Date and Time, System Settings, Login / Logout, Language, Keyboard
- Time and date display / call timer
- Corporate Directory (Active Directory / LDAP) support
- Multilingual Support: English, French (Canadian), Spanish (European), Spanish (Latin American), Dutch, German, Italian, Portuguese (European), Portuguese (Brazilian)
- Called, calling, connected party information
- LED ring with dual-colour (Blue / Red) LEDs (for ringing, mute, idle, alerting, and microphone beam indications)

INTERFACES / CONNECTORS

- Ethernet 10/100/1000 Base-T with PoE (RJ45)
- HDMI (Type A) connector (HDMI version 1.4a)
- USB 2.0 (Type A) interface (2)
- Micro SD Card slot
- External Audio input jack 3.5mm TRS (hardware only; not supported in Rel. 1.0)

NETWORK AND PROVISIONING

- IP Address Configuration: DHCP and Static IP
- Voice QoS Support: IEEE 802.1p/q tagging (VLAN), Layer 3 TOS and DSCP
- Network Address Translation (NAT) support (MBG)
- Backup import / export
- Status and statistics (Debugging Settings)
- Reset to factory default

SECURITY

- Standard SRTP *
- TLS *
- Password login
- Password protected Settings (Administrator Access only) IEEE 802.1x
- * Not currently supported on MCD

MTBF RATE

- 40.0 Years

REGULATORY STANDARDS

SAFETY

| | |
|-------------------------|--------------------------|
| USA | UL 60950-01 |
| Canada | CSA C22.2 No. 60950-1-07 |
| Europe | EN 60950 EN 60950-1 |
| Australia / New Zealand | AS / NZS 60950-1 |
| Mexico | NOM-019-SCFI-1994 |

EMC

| | |
|-------------------------|---|
| USA | FCC (47 CFR Part 15) (Class B) |
| Canada | ICES-003 (Class B) |
| Europe | EN55022 (Class B) EN55024: 1998 + A1:2001 + A2:2003 EN61000-3-2:2006 - EMC, Part 3-2 EN 61000-3-3:1995 + A1:2001 |
| Australia / New Zealand | AS / NZS CISPR 22 (Class B) |

TELECOM / NETWORK

| | |
|-------------|-------------------------------------|
| USA | FCC (47 CFR Part 68) |
| Canada | CS-03, CP-01 |
| Europe | TBR-4, TBR-12, TBR-3, ETSI 203 021, |
| Australia | S002, S003, S038 |
| New Zealand | PTC220 / TNA 134 |

ACOUSTIC – REGULATORY

| | |
|---------------|-------------------------------|
| USA | ANSI/TIA 810-B ITU-T p.340 |
| North America | TIA/-920, (DEC/02) |

PROTOCOL SUPPORT

- SIP
- H.264 Video Codec

UC360 SHIPS WITH:

- UC360 Collaboration Point unit
- 7 foot (2 m) CAT5e Ethernet LAN cable
- 10 foot (3 m) HDMI cable
- UC360 Installation Guide

ENVIRONMENTAL CONDITIONS

| | Temperature | Humidity |
|-------------|-------------------------------------|------------------------------|
| Operational | 0°C to +49°C (+32°F to 120°F) | 15% – 95%, non-condensing |
| Storage | -30°C to +66°C (-22°F to +150°F) | 15% – 95%, non-condensing |

WARRANTY

1 year

PHYSICAL DIMENSIONS

| | Size (L x W x H) | Weight |
|------------|---|----------------------|
| UC360 Only | 13.5 in x 8.7 in x 2.8 in (35 cm x 22 cm x 7 cm) | 2.85 lbs (1.3 Kg) |
| Boxed | 18.5 in x 10.5 in x 5.5 in (44 cm x 26.5 cm x 14 cm) | 4.4 lbs (2.0 Kg) |

MITEL | SIMPLY COMMUNICATING®

| GLOBAL HEADQUARTERS | U.S. | EMEA | CALA | ASIA PACIFIC |
|--|--|--|--|--|
| Tel: +1(613) 592-2122 Fax: +1(613) 592-4784 | Tel: +1(480) 961-9000 Fax: +1(480) 961-1370 | Tel: +44(0)1291-430000 Fax: +44(0)1291-430400 | Tel: +1(613) 592-2122 Fax: +1(613) 592-7825 | Tel: +61(0) 2 9023 9500 Fax: +61(0) 2 9023 9501 |

FOR MORE INFORMATION ON OUR WORLDWIDE OFFICE LOCATIONS, VISIT OUR WEBSITE AT MITEL.COM/OFFICES

THIS DOCUMENT IS PROVIDED TO YOU FOR INFORMATIONAL PURPOSES ONLY. The information furnished in this document, believed by Mitel to be accurate as of the date of its publication, is subject to change without notice. Mitel assumes no responsibility for any errors or omissions in this document and shall have no obligation to you as a result of having made this document available to you or based upon the information it contains.

M MITEL (design) is a registered trademark of Mitel Networks Corporation. All other products and services are the registered trademarks of their respective holders.

© Copyright 2012, Mitel Networks Corporation. All Rights Reserved.

GD 1574_10511 PN 51016508RA-EN

mitel.com

