

MiVoice Video Phone

Make Multimedia Collaboration a Natural Part of Your Workday

Key Features

- 7" color, high-resolution, multi-touch screen
- HD audio (22khz) for superior sound clarity
- Built-in four-party video conferencing bridge
- Array of 16 microphones located around the appliance that allow for 360-degree sound pickup from up to 12 feet away
- Embedded Picse! SmartOffice Suite to view/edit PowerPoint®, Word, Excel®, and PDF files
- Support sending of full multimedia to remote participants
- Automatic video call enablement once audio call established
- Built-in web browser
- Remote desktop capabilities
- Built upon open standards-based protocols & codecs (SIP, H.264 Baseline & High Profile)



The MiVoice Video Phone is an all-in-one multimedia collaboration appliance that provides businesses with a range of capabilities, such as multi-party audio and video conferencing, in-room presentation display, and remote collaboration. Designed to make video collaboration accessible throughout your entire organization, the MiVoice Video Phone is suitable for meeting spaces of any size – from the personal office, to the huddle room, to the boardroom.

Successful implementation of affordable video conferencing solutions is a challenge facing businesses of all sizes. Frequently deployed with little integration with other collaboration tools, video solutions can be haphazardly introduced and yield low return on investment. Furthermore, high-cost video solutions are often implemented only in “special instances”, limiting the power and spontaneity video conferencing and multimedia sharing can enable.

The MiVoice Video Phone is an easy-to-use device that makes collaboration seamless and accessible for all. Designed to provide high quality video conferencing, and support for rich multimedia sharing, the MiVoice Video Phone adds dimension to even unscheduled meetings. All at an affordable price point, the MiVoice Video Phone can be widely deployed throughout your organization to enhance each meeting’s productivity.



Key Features

To truly enrich your meetings, maximize your ROI, and protect your investment, the MiVoice Video Phone is designed with high standards for quality and functionality.

AUDIO PERFORMANCE

- An array of 16 microphones located around the appliance allow for 360-degree sound pickup clearly from up to 12 feet away
- Beamforming technology automatically locates the prime speaker in the room, reduces noise from other microphones, and provides visual indication of the active microphone beam to users in the room
- Provides full-duplex speakerphone functionality for natural, non-clipped conversation
- Utilizes technology designed to resist GSM interference from wireless devices, delivering clarity without noise distractions

AUDIO CONFERENCE FUNCTIONALITY

- Provides a built-in four-party audio conferencing bridge (one local + three remote participants)
- Consultation Call feature enables users to have a call with an external participant outside of the conference bridge, even when the bridge is full
- Provides audible tone alerts when a party on a conference call has entered or dropped off the conference

VIDEO COLLABORATION FUNCTIONALITY

- Provides a built-in four-party video conferencing bridge (one local + three remote) with up to 720p x 30fps video conferencing support
- Simultaneous display of both presentation materials and participant video windows in a filmstrip format
- Picture-in-picture display allows local participants to see their own video stream when engaged in a two-party conference
- Dynamic Bandwidth Adaptation technology automatically adjusts bandwidth being used based on network congestion, reducing bandwidth when congestion is encountered

Video Collaboration When & Where You Need It

With MiVoice Video Phone, video collaboration can be widely deployed throughout your business - from the boardroom to the personal office.

EMBEDDED CAPABILITIES

- Web browser enables access to cloud-based services, such as Gmail, Exchange Web for contact dialing and chat functions
- Two USB 2.0 connections for transferring or accessing files, or to support accessories, such as a wireless keyboard and mouse
- Micro SD card slot for easy file access

SOLUTION INTEROPERABILITY

- Supports operation behind MiVoice Border Gateway as a solution to ensure firewall / NAT traversal, as well as to support communications between Teleworker / Branch Office locations
- Can be connected to a business's Corporate Directory via Active Directory® or LDAP support
- Powered via Power over Ethernet (PoE); Optional PoE Universal Power Adapter or Multi-port PoE Gigabit (Gb) Switch
- Built upon open, standards-based protocols & codecs (SIP, H.264 Baseline & High Profile) allowing it to be deployed in Mitel and non-Mitel communications environment

TECHNICAL SPECIFICATIONS

Product Information	MiVoice Video Phone (PN 50006591)												
System Requirements	MiVoice Business, Release 5.0 SP2 (or higher) MiVoice MX-ONE (formerly Aastra MX-ONE), Release 5.0 SP5 (or higher) MiVoice 5000 (formerly Aastra A5000), Release 6.1 (or higher) MiVoice Border Gateway (MBG), Release 7.1 (or higher)												
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	<table border="1"> <thead> <tr> <th></th> <th>Power Consumption</th> <th>GB Mode</th> </tr> </thead> <tbody> <tr> <td>Idle</td> <td>4.5 W</td> <td>5.7 W</td> </tr> <tr> <td>Typical</td> <td>8.1 W</td> <td>9.2 W</td> </tr> <tr> <td>Maximum</td> <td>16.2 W</td> <td>20.0 W</td> </tr> </tbody> </table>		Power Consumption	GB Mode	Idle	4.5 W	5.7 W	Typical	8.1 W	9.2 W	Maximum	16.2 W	20.0 W
	Power Consumption	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 dpi Size: 7" Color multi-touch TFT display Backlit display with adjustable brightness controls												
Keypad / Feature Keys	Standard 12-key touch-screen keypad (0–9, *, #) Five off-display touch buttons with icons for Home, Menu, Back, Mute, Volume Up/Down												
Audio Features	Beamforming array of 16 microphones Noise Reduction on speaker Frequency Response: 150 Hz to 22 kHz 12' (3.5m) 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 with visual indication of active microphone 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 sq ft (277 sq m) 35 x 35' (10.7 x 10.7m)												
Video and Collaboration Features	Up to four-party Video Conference H.264 support – Baseline and High Profile support 720p x 30 frames per second (video) 1080p (in-room presentation) Support for Dynamic Bandwidth Adaptation for video bandwidth												

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 x 30 fps Supports video streaming via RTP over UDP Provides a 10BASE-T/100BASE-TX Ethernet network interface
SIP Call Handling Features	Make / receive calls Call hold / retrieve Advanced built-in four-party conferencing Speaker-phone volume controls Mute Ringing volume controls Configurable dialing plan support Search function One-touch contacts speed dial
Tone Plans	MiVoice Video Phone 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: <ul style="list-style-type: none"> 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 Support for QWERTY or AZERTY keyboard styles with built-in keyboard function Multilingual Support: <ul style="list-style-type: none"> 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 (x2) – used for transferring files / accessories support Micro SD Card slot External audio input jack 3.5mm TRS (used with external wireless microphone system) Five one-touch buttons for dedicated Home, Menu, Back, Mute, Volume Up / Down functions Support for USB-connected wireless keyboard and mouse
Network and Provisioning	IP Address Configuration: DHCP and Static IP Flexible Bandwidth Control for up-link and down-link connections 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 *Not currently supported on MiVoice Business	Standard SRTP * Transport Layer Security (TLS) * Password login Password protected Settings (Administrator Access only) IEEE 802.1x
MTBF Rate	40.0 Years

Regulatory Standards

Safety	USA Canada Europe Australia/ New Zealand Mexico	UL 60950-01 CSA C22.2 No. 60950-1-07 EN 60950 EN 60950-1 AS/ NZS 60950-1 NOM-019-SCFI-1994
EMC	USA Canada Europe Australia/ New Zealand	FCC (47 CFR Part 15) (Class B) ICES-003 (Class B) EN55022 (Class B) EN55024: 1998 + A1:2001 + A2:2003 EN61000-3-2:2006 EMC- , Part 3-2 EN 61000-3-3:1995 + A1:2001 AS / NZS CISPR 22 (Class B)
Telecom / Network	USA Canada Europe Australia New Zealand	FCC (47 CFR Part 68) CS-03, CP-01 TBR-4, TBR-12, TBR-3, 203ETSI 021, S002, S003, S038 PTC220/ TNA 134
Acoustic – Regulatory	USA North America	ANSI/TIA 810-B ITU-T p.340 TIA/-920, (DEC/02)
Protocol Support	SIP H.264 Video Codec – Baseline & High Profile	
MiVoice Video Phone ships with:	MiVoice Video Phone appliance 7' (2m) CAT5e Ethernet LAN cable 10' (3m) HDMI cable Installation guide	
Environmental Conditions	Temperature Operational 0°C to +49°C (+32°F to 120°F) Storage -30°C to +66°C (-22°F to +150°F)	Humidity 15% – 95%, non-condensing 15% – 95%, non-condensing
Warranty	1 year	
Physical Dimensions MiVoice Video Phone Boxed	Size (L x W x H) 13.5 in x 8.7 in x 2.8 in (35 cm x 22 cm x 7 cm) 18.5 in x 10.5 in x 5.5 in (44 cm x 26.5 cm x 14 cm)	Weight 2.85 lbs (1.3 kg) 4.4 lbs (2.0 kg)