

MITEL

## 5235 | IP Phone

### Touch-Screen IP Speakerphone with Multiple Advanced Applications

Mitel® 5235 IP Phone is a full-feature, enterprise-class, web-enabled IP phone with a large backlit touch-screen that delivers access to web-based applications and services including HTML and XML browsing, directory management and visual voice mail.



The dual port Mitel 5235 IP Phone is targeted towards users who require real-time access to advanced voice and multimedia applications and services. It is ideal for executives and managers, and can be used as an ACD agent or supervisor, as well as a teleworker phone. The 5235 IP Phone supports a full lineup of IP peripherals such as Programmable Key Modules (PKMs), Conference Units and Line Interface Modules, for even greater access to IP applications right at the user's desktop.

#### Easy, Visual Access to Applications that Enhance User Productivity

With its large 320 x 240 backlit display, the 5235 IP Phone provides a visual interface to voice mail, call history logs, personal contacts, corporate directory, web browsing, audio conferencing application, Internet applications, and more.

Using the Web Browser application on the 5235 IP Phone, users can quickly and easily access diverse information such as weather, stocks, quote of the day, or any web-based information.

Conferencing is simple with the intuitive and easy to use audio controls for full duplex speakerphone that are accessible from the Conference Controller application right on the Applications touch screen of the 5235 IP Phone.

Call History provides users with a record of incoming and outgoing calls, including calls made, received and missed. The user can easily browse through the lists and call back or store recorded information. Even when they are away from the office and the caller did not leave a message, the user still knows who called them and can action the callback.

Visual Voice Mail allows users to browse the list of their messages, without having to listen to them in sequence. This gives users more control over their voice mails, enabling them to listen to them at their own convenience or delete unwanted voice mails without having to listen to them.

Personal Contacts provides a single location for users to add, delete and edit personal contact names and numbers. Users can also dial directly from their contact list, without having to change "screens" or write down numbers and then dial them when they exit their personal directory.



it's about **YOU**

### Peripherals Support

The functionality of the 5235 IP Phone can be readily expanded with Mitel IP Programmable Key Modules (for up to 96 additional keys), IP Conference Units and Line Interface Modules.

- Mitel IP Conference Units plug directly into the conference module for instant superior quality voice conferencing in offices and meeting rooms
- Integrates with IP Programmable Key Modules, for easy addition of quick access feature keys
- Mitel Line Interface Module plugs into the back of the 5235 IP Phone to allow analog line connectivity in order to make and receive calls, failover support and emergency dialing

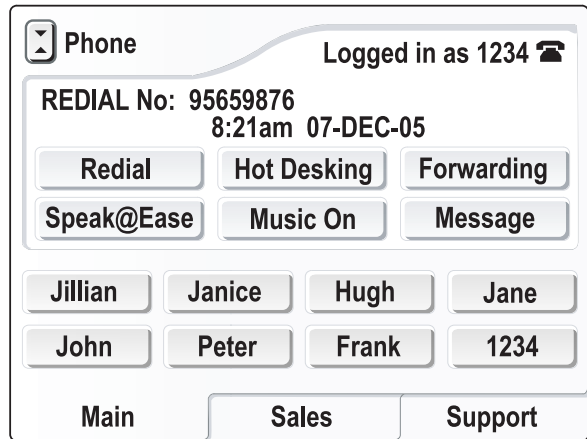
### Business Telephones that Maximize your Productivity

The 5235 IP Phone is one in a series of IP phones designed to meet the diverse communication needs of users across the enterprise – from affordable entry-level IP phones to sophisticated network devices. All are designed with ergonomics and modern office aesthetics in mind.

### Flexibility at the Desktop

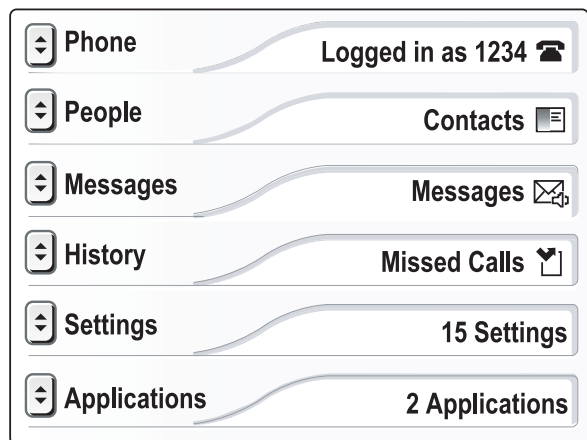
Programming and using the 5235 IP Phone is simple and user friendly thanks to the easy-to-follow screens. These include:

- Personalized hot desking with self-labeling keys
- Support of international icon-based characters
- 24 programmable line / feature buttons
- Multiple interactive softkeys that guide the user through call features and functions
- Easy upgrades via downloadable software and firmware



Mitel 5235 IP Phone – Phone Screen

The overview screen on the 5235 IP Phone offers total communications status and access to numerous telephony setting and applications features. The overview screen provides a consistent user experience that builds on the award-winning Mitel Your Assistant™ desktop application.



Mitel 5235 IP Phone – Overview Screen

## 5235 IP Phone Features Include:

- Large, high-contrast monochrome, graphic, backlit screen with touch display – 1/4 VGA (340 x 280 pixels)
- 24 programmable, self-labeling touch-screen keys (Line Appearances, Speed Dials, Feature Access) presented in either two pages of 12 keys or three pages of 8 keys
- Eight fixed function keys: Speaker, Volume / Contrast Up / Down Speaker, Microphone, Message, Hold, Transfer / Conference, Cancel
- Application tabs include: Phone, People, Messages / Visual Voice Mail, Call History, Settings and Applications
- Full duplex, handsfree
- Dual mode IP phone (MiNET, SIP)
- Contacts database with contacts dialing
- “My Phone”: Customizable idle screen softkeys, layout, and personal keys
- Peripherals support for IP Programmable Key Modules, Line Interface Module, IP Conference Unit
- Dual port: Integrated switched port for LAN connection of PC
- Compression support (G.711, G.729)
- Web (HTML) browser included
- Intuitive GUI for expansive feature set access
- XML support for customization of applications
- Applications: Call History, Visual Voice Mail (with voice mail softkeys), Conferencing, Personal / Corporate Directory
- Built-in stylus
- Large Message Waiting indicator
- Dedicated headset jack
- Two-position desk / wall mount stand
- Hearing-aid-compatible (HAC) handset (meets American Disabilities Act [ADA] requirements) and HAC compliance for magnetic coupling to approved HAC hearing aids
- 802.3af power compliant
- Multiple power options, including Power over Ethernet
- Secure voice communication enabled by encryption
- Customizable phone templates
- Downloadable software for future upgrade capability
- Icon button labeling for global market

## Dual Mode

The dual mode Mitel 5235 IP Phone supports both SIP and Mitel IP (MiNET) protocols on a single hardware platform

## Dual Port

Two 10 / 100 Mb switched Ethernet ports – one connects the 5235 IP Phone with an Ethernet wall jack, the other with the user’s PC

## Compression Support

G.711, G.729

## Voice QoS

Supports IEEE 802.1p/q for Quality of Service

## Powering Options

Accepts standards based (IEEE 802.3 af) power over the LAN via spare pair to single pair, or supports 48 VDC Ethernet / AC Power wall adapter

## Environmental Conditions

	Temperature	Humidity
Operational	+4°C – +40°C	34%
Storage	-25°C – +66°C	15%

### Regulatory Standards

**EMC** CANADA:  
ICES-003 Issue 3

USA:  
CFR Title 47, Part 15 (CLASS B)

EU:  
R&TTE directive (1999/5/EC)  
EN55024: 1998  
EN55022: 1998

**Safety** CANADA:  
CAN/CSA-C22.2 No. 60950-00

USA:  
UL60950  
ANSI/NFPA 70

EU:  
R&TTE directive (1999/5/EC)  
EN60950: 2000

### System Requirements

- Mitel 3300 Integrated Communications Platform (ICP), Release 6.0
- Mitel Teleworker Solution Platform, Release 3.2

### 5235 IP Phone Specifications

Ports	AC Adapter	Power Consumption	PROCESSOR		DSPs		Silicon
			Type	Speed	No.	Speed	
2	Output: 48 VDC 250 mA LAN Power Input: 110V 50-60 Hz or 220V 50 Hz	5.2 W	ARM946E-S	140 MHz	1	74 MHz	0.18μ CMOS
RAM	ROM	Voice Traffic	Signaling	Voice QoS	Size (LxWxH)	Weight	CODEC/Compression
16 MB	4 MB	RTP over UDP	MiNET over TCP Session Initiation Protocol (SIP)	IEEE 802.1p/q	9.5" x 8" x 4.5" (24 cm x 20.5 cm x 12 cm)	3.1 lbs (1.4 kg)	G.711, G.729

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GD 9499 PN 51009377RA-EN