Mitel MiVoice 5320e IP Phone

Enterprise-class IP Phone

Key Features

- Backlit LCD display (160 pixels x 320 pixels)
- Eight programmable, one-touch, multi-function, self labeling keys
- 12 fixed function keys
- Designed for power conservation; reduces power consumption for overall energy savings

Part of the new-generation desktop family, the Mitel® 5320e Phone demonstrates Mitel's commitment to ease of use and enhanced user value, while delivering innovative features and applications. A full-feature enterprise-class telephone, the 5320e Phone provides a large, backlit graphics display with eight multi-function, programmable, self-labeling keys, three intuitive softkeys, and ten telephony feature hard keys for the most commonly used telephone functions. This applications phone also features wideband audio, and a built-in HTML player for desktop applications.

This full duplex hands-free applications phone also supports single and multi-location hot desking, as well as resiliency. It is ideal for enterprise executives, managers, and employees, and can be used as an ACD agent phone, a ACD supervisor phone, or a teleworker phone.

Administrators will appreciate the ability to easily manage users through remote programming, eliminating the need for any paper labels and thereby reducing installation and ongoing operational costs. The self-labeling display will always be up to date and will ensure that users get superb call handling, as well as user-programmable access to advanced voice communications and IP-based applications and services.

Unified Communications Support

When used with Mitel Unified Communicator® Express (UCX) or Mitel MiCollab Client (formerly Unified Communicator Advanced) applications, the 5320e IP Phone becomes a powerful communications tool that helps customers streamline communications between people and organizations. This leads to improved productivity, enhanced customer service, reduced costs, and ultimately improved business process integration.

Cost-Effective, Intuitive HTML Applications

The Mitel HTML Desktop Toolkit enables simple, intuitive development of customized applications that are easily integrated with telephony functions for the 5320e IP Phone. HTML applications developed using the HTML Desktop Toolkit will be able to run within the phone without requiring an external server, providing cost-effective implementation.

NORCOM

Features

- *Backlit LCD display (160 pixels x 320 pixels)*
- *Eight programmable, one-touch, multi-function, self labeling keys (for speed dialing, line appearances, and feature access)*
- *Wideband Audio support (G.722) – ships with a wideband handset (7 kHz) standard*
- *HTML Desktop Toolkit included for applications development*
- *12 fixed function keys: menu, hold, message, speaker, mute, transfer / conference, redial, cancel, volume / ringing / contrast up and down, previous page, next page*
- *Three context-sensitive softkeys for intuitive feature access*
- *Unified Communicator® Express or Mitel MiCollab Client support*
- *Mitel Intelligent Directory and Mitel Live Content Suite applications support*
- *Support for Mitel Teleworker Solution, Automatic Call Distribution (ACD) agent and supervisor, hot desking, and resiliency*
- *Browser-based Desktop User Tool for easier user programming and key labeling*
- *Hands-free speakerphone operation (full duplex)*
- *Three context-sensitive softkeys for intuitive feature access*
- *Multiple-languages support: English, French, German, Italian, Portuguese, Spanish, Dutch, and simplified Chinese*
- *Mitel Intelligent Directory and Mitel Live Content Suite applications support*
- *Icon buttons for global markets*
- *Secure voice communication enabled by encryption*
- *Hands-free speakerphone operation (full duplex)*
- *Menu key gives one-touch access to embedded applications menu: call history, call forwarding, settings, launch PC application, help, call info*
- *Hearing aid compatible (HAC) handset and HAC compliance for magnetic coupling to approved hearing aids*
- *Designed for power conservation; reduces power consumption for overall energy saving*

Protocol Support

The 5320e IP Phone supports SIP and Mitel IP (MiNet) protocols.

Powering Options

Accepts standards-based (IEEE 802.3af) power over the LAN via spare pair or signal pair and supports 48 VDC Ethernet / AC power wall adapters. The 5320e IP Phone can be powered via a powered switch or by local 48 V Ethernet power.

Technical Specifications

POWER CONSUMPTION

Specification	10/100 MB MODE	GB MODE
Idle	3.9 W	4.2 W
Typical	4.3 W	5.0 W

ENVIRONMENTAL CONDITIONS

Specification	TEMPERATURE	HUMIDITY
Operational	+4°C to +49°C	34% at +49°C 95% at +29°C
Storage	-40°C to +70°C	15% at +70°C 95% at +29°C

REGULATORY STANDARDS

EMC	Safety	Telecom
» Canada: ICES-003 (Class B) » USA: CFR Title 47, Part 15 (Class B) » EUROPEAN UNION: EN55024 (EU), EN55022 (Class B) » AUSTRALIA / NEW ZEALAND: AS / NZS CISPR 22	» CANADA: CSA C22.2 NO. 60950-1 » USA: UL 60950 » EUROPEAN UNION: EN 60950 EN 60950-1 » AUSTRALIA / NEW ZEALAND: AS / NZS 60950-1	» CANADA: CS03 Part V (Hearing Aid Compatible) » USA: FCC Part 68 (CFR 47) (Hearing Aid Compatible) » AUSTRALIA / NEW ZEALAND: PTC220 AS / ACIS, S004

5320e IP PHONE SPECIFICATIONS

Signaling	Voice QoS	MTBF Rate	Size (L x W x H)	Weight	Codec / Compression
» MiNet over TCP Session Initiation Protocol (SIP)	» IEEE 802.1p/q	» 57.2 years	» 9.2" x 7.5" x 7.1" (23.5 cm x 19.0 cm x 18.0 cm)	» 2.2 lbs (1.01 Kg)	» G.711, G.729a, G.722.1

System Software Requirements

- MiVoice Business, Release 7.0
- MiVoice Office Release 6.0 SP2
- MiVoice Border Gateway (Teleworker)Release 8.0
- Mitel HTML Toolkit Release 2.2
- SIP Release 6.1

The Mitel 5320e IP Phone will operate in Backwards Compatibility mode with the following System Software:

- MiVoice Business, Release 6.0
- MiVoice Office, Release 5.1
- MiVoice Border Gateway (Teleworker) Release 7.1
- Mitel HTML Toolkit Release 2.0