MiVOICE 5320E IP PHONE SPECIFICATIONS

Signaling	Voice QoS	Size (l x w x h)	Weight	MTBF Rate	CODEC / Compression
MiNet over TCP	IEEE 802.1p/q	9.2 in x 7.5 in x 7.1 in	2.2 lbs	57.2 years	G.711, G.729a, G.722.1
Session Initiation Protocol (SIP)		(23.5 cm x 19.0 cm x 18.0 cm)	(1.01 Kg)		

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MITEL
MiVOICE 5320E IP PHONE

ENTERPRISE-CLASS IP PHONE

Part of the new-generation desktop family, the Mitel® MiVoice 5320e IP 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 MiVoice 5320e IP Phone provides a large 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, embedded Gigabit Ethernet, 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 MiVoice 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 MiVoice 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.

FEATURES

- Large graphics display (160 pixels x 320 pixels)
- Eight programmable, one-touch, multi-function, self labeling keys (for speed dialing, line appearances, and feature access)
- Dual embedded Gigabit Ethernet ports (LAN and PC)
- 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®

- 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 MiVoice 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 MiVoice 5320e IP Phone can be powered via a powered switch or by local 48 V Ethernet power.

POWER CONSUMPTION

	10/100 Mb Mode	Gb Mode
Idle	3.9 W	4.2 W
Typical	4.3 W	5.0 W

SYSTEM SOFTWARE REQUIREMENTS:

- Mitel MiVoice Business (formerly Mitel Communications Director) - Release 5.0 SP2 or later
- Mitel MiVoice Office (formerly Mitel 5000 Communications Platform) - Release 5.1 or later
- Mitel MiVoice Border Gateway (Teleworker Solution Release 7.1 or later
- Mitel SIP Software Release 8.0 or later
- Mitel HTML Toolkit - Release 2.1 or later

TECHNICAL SPECIFICATIONS

MAXIMUM LOOP LENGTH

1200 ft (366 meters)

ENVIRONMENTAL

OPERATING TEMPERATURE	OPERATING HUMIDITY	STORAGE TEMPERATURE	STORAGE HUMIDITY
+4°C to +49°C	34% at +49°C, 95% at 29°C	-40°C to +70°C	15% at +70°C, 95% at 29°C

REGULATORY APPROVALS

EMCS	AFETY	TELECOM
CANADA: ICES-003 (CLASS B) USA: CFR TITLE 47, PART 15 (CLASS B) EUROPEAN UNION: EN55024: 1998 + A1: 2001 + A2:2003 EN55022: 2006 + A1: 2007 (CLASS B) EN 61000-3-2: 2006 EN 61000-3-3: 1995 + A1: 2001 + A2: 2005 EN 61000-4-2: LEVEL 4	CANADA: CSA C22.2 NO. 60950-1 USA: UL 60950-1-07, Second Edition ANSI / NFPA 70, "National Electrical Code" EUROPEAN UNION: EN 60950: 2006	CANADA: CS03 Part V (hearing aid compatible) USA: FCC Part 68 (CFR 47) (Hearing Aid Compatible) US Americans with Disabilities Act (ADA) (HAC and Volume Control)

TELEPHONY

POWERING PHONE RATE	PKMC	ONSUMPTION	SIZE (L X W X H)	WEIGHT	MTBF
Line powered from the digital loop interface	Output: 24 Vdc Input: 110 V 50-60 Hz 220 V 50 Hz	1 W	9.1" x 7.5" x 3.5" 23cm x 19cm x 9cm	1.65 lbs 0.75 kgs	10 years