

# 6920t IP Phone

First-of-its-kind IP Business Phone protected with antimicrobial plastics

## Key Features

- Built using plastics protected with an antimicrobial treatment shown to inhibit certain virus & bacteria growth on the phone's surfaces by up to 99.9%\*
- Support for up to 18 lines
- 3.5" QVGA (320x240 pixel) color display
- High quality full-duplex speakerphone
- Programmable personal keys and Context sensitive soft keys
- Native EHS/DHSG analog headset support



The 6920t IP Phone is made from plastics that are protected with a silver-based treatment from BioCote Limited that inhibits the growth of certain viruses and bacteria on phone surfaces by up to 99.9%\*. Ideal for shared workspace users who demand not only a modern design but also a phone that is flexible and delivers a high-quality communications experience. The 6920t is designed from the ground up to provide an exceptional HD audio experience with a high quality full-duplex speakerphone and support for both USB & Analog headsets. The 6920t offers an intuitive user experience via its crisp high resolution 3.5" color LCD display and programmable and context-sensitive keys.

## Redesigned Handset

The phone features a redesigned handset that minimizes crevices and holes that might collect germs, dirt, and grime. The handset's smooth surfaces and hard-wired cord make for easy cleaning, facilitating a more hygienic device.

## Antimicrobial Testing

The phone's plastics surfaces are protected by treatment with a compound from BioCote that is shown to inhibit certain virus and bacteria growth on the phone's surfaces by up to 99.9%\* as per independent laboratory testing according to the following ISO Standards:

- ISO 22196-2011\*\*
- ISO 21702-2019\*\*

*Note: BioCote® technology does not protect users or others against disease causing microbes including COVID-19 and is not a substitute for good hygiene and/or cleaning practices*

## Remarkable Audio

The 6920t provides a rich full-duplex speakerphone that enables clearly discernable handsfree communications in all types of environments. Integrating HD wideband audio codecs, advanced audio processing, the 6920t offers a superior voice experience for crystal clear conversations.

## Feature Keys

- Programmable keys for access to Lines, Speed Dials and Telephony functions
- Context sensitive soft keys
- 4-way navigation key

## Audio and Codecs

- Hearing aid compatible (HAC) handset
- Full-duplex high-quality speakerphone
- Codecs (supported codecs differ based on call manager platform):
  - G.711, G.729, G.722 G.722.1 (Minet Only)
  - G.726, iLBC AMR, G.722.2 AMR-WB (SIP Only)
- Headset connection interfaces – USB and Analog EHS/DHSG port

## Flexible Headset Options

The 6920t offers USB headset support and features an innovative analog headset port that uniquely provides dual support for EHS/DHSG and modular 4-pin headset connections. Users with wireless headsets that support EHS/DHSG can connect directly to the 6920t using standard third-party cables.

## Display and Indicators

- 3.5" QVGA (320x420 pixel) color display
- Adjustable screen brightness
- Programmable key status indicators
- Dedicated LED for call and message waiting indication

## Protocol Support

- Mitel IP (MiNet) protocol support
- SIP protocol support

## Minimum System Software

- MiVoice Business, Release 8.0
- MiVoice Office 400, Release 5.0
- MiVoice 5000, Release 6.4
- MiVoice MX-One, Release 6.3
- MiVoice Connect, Release 19.1
- MiVoice Office 250, Release 6.3
- MiVoice Border Gateway (Teleworker) Release 9.4
- MiCollab Client, Release 7.2.2

## Integration and Connectivity

- Dual 10/100/1000 Mbps Ethernet ports (LAN/PC)
- Support for Mitel Teleworker Solution, Automatic Call Distribution (ACD) agent and supervisor, hot desking, and resiliency
- Support for use with Mitel MiCollab Client
- Multiple-languages support: English, French, German, Italian, Portuguese, Spanish and Dutch (downloadable language packs with SIP)
- Secure encrypted voice communication
- Quality of Service support – IEEE 802.1 p/Q VLAN and priority tagging
- IEEE 802.1x authentication support
- Powered USB 2.0 Host port (100mA)
- Sidecar expansion port
- Dedicated 4-pin modular headset port convertible to EHS/DHSG capable headset port

## Powering

- Designed for power conservation
- Accepts standards-based IEEE 802.3af Power over Ethernet (POE)
- POE Class 2 with automatic POE class change on Expansion Module Installation
- Supports local power via 48V wall adapter

## Power Consumption

- Idle 1.3w      Typical 3.4w

## Environmental / Regulatory Standards

### EMC

#### **CANADA:**

ICES-003 (CLASS B)  
RSS-247

#### **USA:**

CFR Title 47, Part 15 Subpart B (CLASS B)  
FCC Part 15 Subpart C

#### **EUROPE**

EN55024 (EU)  
EN55032, Class B  
EN 301-489-1-17  
EN 300 328  
EN 50360

#### **AUSTRALIA / NEW ZEALAND:**

AS/NZS CISPR 22

### Safety

#### **CANADA:**

CAN/CSA C22.2 No. 60950-1

#### **USA:**

UL 60950-1

#### **EUROPE**

EN 60950-1

#### **AUSTRALIA / NEW ZEALAND:**

AS/NZS 60950-1

## Telecom

#### **CANADA:**

CS03 Part V (Hearing Aid Compatible)

#### **USA:**

FCC part 68 (CFR 47) (Hearing Aid Compatible)

#### **AUSTRALIA / NEW ZEALAND:**

PTC220  
AS/CA S004  
AS/ACIF, S040

## Temperature Ratings

- **Operational:**
  - Operational +4°C to +49°C
  - Humidity 34% at +49°C 95% at +29°C
- **Storage:**
  - Operational -40°C to +70°C
  - Humidity 15% at +70°C 95% at +29°C

#### Other

- MTBF Rate: 40 years
- Size (L x W x H): 8.9 in x 5.9 in x 7.5 in (22.5cm x 15cm x 19cm)
- Weight: 2.2 lbs or 0.98kg

\*Tested against certain viruses & bacteria, not including COVID-19.

\*\*The BioCote-treated plastic used to make the surface of the 6920t IP Phone was independently laboratory tested according to ISO 22196-2011 - Measurement of antibacterial activity on plastics and other non-porous surfaces, and ISO 21702-2019 - Measurement of antiviral activity on plastics and other non-porous surfaces.

BioCote® antimicrobial additives are EPA(US) registered.

BioCote® is the registered trademark of Biocote Limited.