

# Mitel 6905 IP Phone

A powerful enterprise grade phone for basic communications.

## Key Features

- 2.75" (128x48 pixel) non-backlit display
- 3 programmable personal keys
- 4-way navigation key with Select/OK button
- HD wideband audio
- Dual Ethernet ports
- PoE Class 1



The Mitel 6905 IP Phone is the preferred phone for those who want basic communications functions packaged in a compact enterprise device. The 6905 features dual Ethernet ports, three programmable Personal Keys and a large 2.75" LCD display. The 6905's true HD handset and speakerphone provide remarkable wideband audio quality. The Mitel 6905 IP Phone delivers exceptional value for businesses of all sizes.

## Remarkable Audio

The Mitel 6905 IP phone features high definition audio technology to deliver enhanced performance and voice clarity. Integrating HD wideband audio codecs, advanced audio processing and hardware components that support a true wideband frequency range, the 6905 offers a superior voice experience on handset and speakerphone – making conversations crystal clear and more life-like.

## Enhanced Call Management

With an extensive array of supported features including directory, calls logs, voicemail and three programmable keys, the Mitel 6905 IP Phone is designed for easy access to all the most frequently used call management features.

## Feature Keys

- 3 Programmable Personal Keys for Speed Dials and Telephony features
- 4-way navigation key with Select/OK button
- Dedicated function keys, including Line Key, Hold, Redial, Goodbye, Options, Volume Up/Down keys, Mute (with LED) and Speaker (with LED)

## Audio and Codecs

- Mitel Hi-Q Audio Technology
- Hearing aid compatible (HAC) handset
- Full-duplex speakerphone
- Wideband handset and speakerphone
- Codecs: G.711  $\mu$ -law / A-law, G.722, G.722.1, G.729

## Display and Indicators

- 2.75" 128x48 pixel graphical display
- Large character font for easy reading at a distance
- Call and message waiting indicator
- Speaker/Headset & Mute State Indicators

## Protocol Support

- Mitel IP (Minet) protocol support

## System Software Requirements

- MiVoice Business 9.0 Service Pack 3
- MiVoice Border Gateway (teleworker), Release 11.0
- MiCollab Client, Release 9.0

## Integration and Connectivity

- Dual 10/100 Mbps Ethernet ports (LAN/PC)
- Support for Mitel Teleworker Solution, hot desking, and resiliency
- Support for use with Mitel MiCollab Client
- Multiple-languages support: English, French, German, Spanish, Spanish (Latin American), Portuguese, Portuguese (Brazilian), Dutch, Italian, Polish, Romanian, Russian, Swedish
- Secure encrypted voice communication
- Quality of Service support – IEEE 802.1 p/Q VLAN and priority tagging
- IEEE 802.1x authentication support

## Powering

- PoE Class 1 or DC via optional power supply
- Level “V” energy efficiency rated power adapters available

## Available Accessories

- Wall Mount Kit (50008299)

## Environmental / Regulatory Standards

- Operational:
  - » Operational +4°C to +49°C
  - » Humidity 34% at +49°C 95% at +29°C
- Storage:
  - » Operational -30°C to +70°C
  - » Humidity 15% at +70°C 95% at +29°C

## EMC

- Canada: ICES-003 (Class B)
  - Rss-247
- USA: CFR Title 47, Part 15 (Class B)
  - FCC Part 15 Subpart C
- European Union: EN55024 (EU)
  - EN55032 (Class B)
  - EN 301-489-1-17
  - EN300 328
  - EN 50360
- Australia / New Zealand: AS / NZS  
CISPR 22

## Safety

- Canada: CSA C22.2 NO. 60950-1
- USA: UL 60950-1
- European Union: EN 60950-1
- Australia / New Zealand: AS / NZS 60950 –  
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## Other

- Dimensions (L x W x H): 6.1in x 5.9in x  
7.5in (15.4cm x 14.9cm X 19cm)
- Weight: 1.58 lbs. (.72 kg)

*\*Feature support may not be applicable to all solutions.*