

TELSTRA IP560

Cutting edge Telstra IP Telephony meets Polycom High Definition (HD) Voice.

Telstra IP560

To take your business to the next level of communications, you need the right tools for the job. Telstra IP Telephony phones are designed by renowned industry leader, Polycom, to help you access the latest innovations. Imagine how much more productive and efficient your business could be with the revolutionary voice quality of Polycom HD Voice handsets and advanced features of Telstra IP Telephony. With Telstra's world-class Next IP™ network know-how and using advanced Polycom technology, you're ready for responsive, productive and cost-effective communications.

Benefits

Advanced applications¹

- Four lines
- Backlit 320 x 160 pixel graphical greyscale LCD
- Shared call/bridged line appearance
- Gigabit Ethernet (GigE) support
- Ease of provisioning and upgrade
- Integrated IEEE 802.3af Power over Ethernet (PoE) support
- Remote, zero-touch provisioning from Telstra's hosted CPE configuration server
- Dual-port GigE switch for flexible deployment options and lower cabling expenses

Broad interoperability

The Telstra IP560 desktop phone has been tested and certified to deliver comprehensive interoperability and extensive feature support with the Telstra IP Telephony platform.

Therefore you can rely on it to deliver on its promise of great sound quality and an industry-leading feature set.

Unrivalled voice experience and ease of provisioning and upgrade in a four line IP phone

Introducing the Telstra IP560 phone with GigE, a four line IP phone that delivers calls of unprecedented richness and clarity, and supports a comprehensive range of cutting edge features to futureproof your investment in network infrastructure. It is ideal for professionals and managers with demanding collaborative communication needs.

Higher productivity with less fatigue

The Telstra IP560 desktop phone features Polycom's revolutionary HD Voice technology, which brings lifelike richness and clarity to every call². Polycom HD Voice technology incorporates wideband audio for over twice the voice clarity, and patented Polycom Acoustic Clarity™ technology as well as world-class system design to deliver great voice quality and sound.

The Telstra IP560 phone is engineered to make installation, configuration and upgrades as simple and efficient as possible. The phone's built-in IEEE 802.3af PoE circuitry and a dual-port GigE switch enable flexible deployment options and savings on cabling expenses. It supports remote, zero-touch provisioning from Telstra's hosted CPE configuration server.



Investment protection

Powered by state-of-the-art GigE IP telephony technology, the Telstra IP560 phone features a future-proof, dual-port GigE switch for integration with a PC or desktop server. For organisations with existing GigE

deployment, the Telstra IP560 phone delivers high-speed access to productivity-boosting applications. For organisations with plans to migrate to GigE, the Telstra IP560 phone protects investment in network infrastructure.

Telstra IP560 specifications

Lines (direct numbers)

- Up to 4 lines

Display

- 320 x 160-pixel backlit greyscale graphical LCD
- LED backlight with custom intensity control

Feature keys

- 4 context-sensitive 'soft' keys
- 26 dedicated 'hard' keys
 - 4 line keys with bicolour (red/green) LED
 - 8 feature keys
 - 6 display/menu navigation keys
 - 2 volume control keys
 - Illuminated mute key
 - Illuminated headset key
 - Illuminated hands-free speakerphone
 - Dedicated hold key

Headset compatibility

- Dedicated RJ-9 headset port

Audio features

- Polycom HD Voice technology delivers lifelike voice quality for each audio path – the handset, the hands-free speakerphone, and the optional headset^{2,3}
- Full-duplex hands-free speakerphone – Type 1 compliant with IEEE 1329 full duplex standards
- Frequency response – 100Hz – 7kHz for handset, optional headset and hands-free speakerphone modes
- Codecs: G.722 (wideband), G.711 µ/A, and G.729A (Annex B)
- Individual volume settings with visual feedback for each audio path
- DTMF tone generation/DTMF event RTP payload
- Low-delay audio packet transmission
- Adaptive jitter buffers
- Packet loss concealment
- Acoustic echo cancellation
- Background noise suppression

Call-handling features

- Shared call appearance
- Multiple line appearance (one or more line keys can be assigned for each line extension)
- Distinctive incoming-call treatment/ call waiting
- Call timer
- Call transfer, hold, divert (forward), pickup
- Called, calling, connected party information
- N-way conferencing (up to 8 parties)
- One-touch speed dial, redial
- Call waiting
- Remote missed-call notification
- Intercom
- Automatic off-hook call placement
- Do-not-disturb function

Other features²

- Feature-rich GUI
- Time and date display
- User-configurable contact directory and call history (missed, placed, and received)
- Unicode UTF-8 character support

Protocol support

- IETF IP (RFC 3261 and companion RFCs)

Network and provisioning

- Two-port Gigabit Ethernet switch
 - 10/100/1000Base-Tx across LAN and PC ports
 - Conforms to IEEE802.3-2002 (Clause 28) for Link Partner Auto-Negotiation
- Manual or dynamic host configuration protocol (DHCP) network set-up
- Time and date synchronisation using SNTP
- Server-based central provisioning for mass deployments from Telstra's hosted CPE configuration server
- QoS Support – IEEE 802.1p/Q tagging (VLAN), Layer 3 TOS, and DSCP
- RTCP support (RFC 1889)
- Event logging
- Hardware diagnostics
- Status and statistics reporting

Power

- Built-in, auto-sensing IEEE 802.3af Power over Ethernet
- External Source 48V DC @ 380mA (optional)

Approvals

- FCC Part 15 (CFR 47) Class B
- ICES-003 Class B
- EN55022 Class B
- CISPR22 Class B
- AS/NZS CISPR 22 Class B
- VCCI Class B
- EN55024
- EN61000-3-2; EN61000-3-3
- ROHS compliant
- Anatel

Safety

- CE Mark
- EN 60950-1
- IEC 60950-1
- AS/NZS 60950-1
- UL/C-UL

Operating conditions

- Temperature: +10 to 40°C
- Relative humidity: 20% to 85%, noncondensing

Storage temperature

- -40 to +70°C

Telstra IP560 comes with:

- Telstra IP560 console
- Handset with handset cord
- Base stand
- Network (LAN) cable

Weight

- Phone weight: 1.1kg

IF YOU HAVE ANY QUESTIONS
PLEASE CONTACT YOUR
TELSTRA ACCOUNT EXECUTIVE
CLICK TELSTRA.COM/ENTERPRISE
CALL **1300TELSTRA (1300 835 787)**



1. Some of these features need to be supported by an appropriate call/applications server. 2. In some calling scenarios, such as IP to PSTN, Polycom HD Voice will not be available and the call will progress in narrowband instead. 3. To enjoy all the benefits of Polycom HD Voice when using the phone in the headset mode, you must use wideband headset and be communicating with another HD phone. © 2009 Polycom, Inc. All rights reserved. Polycom and the Polycom logo design are registered trademarks of Polycom, Inc. in the US and various countries. All other trademarks are the property of their respective owners. Information in this document is subject to change without notice.