

IP System Phones

User's business in the focus

Introduction

Teldat IP6x0 phone family offers three models tailormade to meet different needs from entry-level to advanced business requirements. All phones are equipped with versatile features set, optimized to be combined and used with be.IP family and are perfectly suited for intuitive business communication thanks comfortable usability, easy handling with function keys in combination with TFT displays, high-quality and hardware-integrated audio features. IP620 is the entry-level focused on efficient call management, IP630 the allrounder for daily operation and IP640 combines high-end usability with latest design and touchscreen.

Interfaces

| | |
|-------------------------------------|----------------|
| Gigabit Ethernet with 2-Port switch | Yes |
| Integrated Power-over-Ethernet | Yes |
| Headset connection EHS/DHSG | Yes |
| Key module | Yes (optional) |
| USB connection (Typ A) | Yes |
| Headset connection RJ9 | Yes |
| External PSU connector | Yes |

Destacar

- Family of phones with auto-provisioning
- Versatile system telephony features
- Configurable keys (multi colour) display
- Excellent HD voice and sound quality
- Graphic (colour) TFT display from 2.5" to 4.3"
- Power supply via PoE or plug-in AC adapter
- Made in Germany



Competitive Advantage

| | |
|-----------------------------|--|
| Convenient system telephony | Perfect assistance for day-to-day business, from entry- to high-level business applications, from basic call to advanced system telephony. |
| Comfortable usability | Intuitive operation, BLF & function keys, and a display screen provide easy usage and flexibility needed and for small office or larger business environment. |
| Flexible connectivity | Either dual port switch for LAN devices, key extensions for BLF & functions key or corded and cordless (Bluetooth) headsets – flexible extensions for all day. |
| Easy to install and manage | Easy installation with power over ethernet (alternative external PSU) and convenient configuration thanks integrated provisioning through our PBX family. |

Key Features

- **Corded system telephones** Combining professional features and convenient telephony, supporting the user to manage communication, with high flexibility and usability. Adaptable to office environment with the use of adjustable foot or wall mount.
- **Great speech quality in HD-Audio** Excellent audio quality thanks to HD Audio. Integrated handsfree talking, loudspeaker audio in handsfree mode and handset, corded and Bluetooth headset support (IP630/IP640) are providing great flexibility.
- **Function keys** The phones have 10 function keys for quick, intuitive handling and status indication, plus 5-way navigation keys for easy operation. More free programmable function keys available depending on the model.
- **Family of three IP system phones** Perfectly suited for daily business communication with consistent usability. From the easy and efficient IP620 to the IP630 with advanced features for professional communication to the IP640 with touchscreen interface.
- **System telephony** Whether provisioned by the PBX system, access to central phonebook, comprehensive notification, easy call forwarding and multiple ringtones selectable per line, the phones are providing well-known comfort of telephony.
- **Illuminated (colour) display** All handsets are equipped with large, illuminated display from 2.4" TFT black/white to 4.3" coloured touch TFT combined with modern graphical user interface for great visualization and usability.
- **Central and local phone books** A central phonebook and the internal system phonebook of 100 up to 1.000 entries allow identification of incoming callers. Users receive notifications of new voice messages and can access the VMS pushing one button.

CARACTERÍSTICA TÉCNICA DEL HARDWARE

Display

IP620: four-line black/white graphic display illuminated, 128x48 pixels
IP630: 3.5" colour TFT display illuminated, 320x240 pixels
IP640: 4.3" capacitive touch, colour TN display illuminated, 272x480 pixels

Colour | Dimension

IP620 / IP630: Black | Foot LxWxH (mm): 187,5 x 156,5 x 24,5;
IP640: Black | Foot LxWxH (mm): 187,5 x 156,5 x 24,5;
Main Device LxWxH (mm): 188 x 188,5 x 36

Headset

IP620: EHS/ DHSG headset connection via RJ-9 jack
IP630: EHS/ DHSG via RJ-9 jack, Bluetooth and USB 2.0 Headset
IP640: EHS/DHSG via RJ-9 jack, RJ-45 jack, Bluetooth and USB 2.0 Headset

Keypad and LEDs

IP620: 10 function keys; 5 navigation keys, message indicator key
IP630: see IP620, plus 8 free programmable function keys, illuminated
IP640: see IP620, plus 38 free programmable function keys, illuminated

Power supply

optionally via PoE or via plug-in power supply unit (100-240V, 50/60Hz)

CARACTERÍSTICA TÉCNICA DEL SOFTWARE

Convenience phoning essentials

Integration in the telephone systems
System performance feature
Central carry out of configurations and parameters

Sound Quality

High-quality
Communication with the handset, headset, or audio-conferencing system
Each unit has its own volume control

Internet protocols

POE: IEEE 802.3af, Class 3; IPv4 (RFC0791), QoS: RSCP/DiffServ (RFC2474, RFC2475), RTCP; DHCP: DHCP (RFC2131), Option 60: VendorID, Option 114;
ICE: Method for Overcoming (NAT) for (SIP); DNS: DNS SRV (RFC2782);

Open Source

Based on Open-Source software
More details can be found in the download area

Display/Menu

Multilingual menu for up to 27 languages
Display of call duration, name, number

VoIP protocols

VoIP protocol: SIP (RFC3261, RFC2543)
Codecs: s G.711 u/a, G.722, G729, G.726-32, iLBC
STUN: STUN (RFC3489), Security SRTP (RFC3711), TLS (RFC2246), SIPS

WEB administration

HTTP, HTTPS; WEB administration

CARACTERÍSTICA TÉCNICAS ADICIONALES

Environmental conditions

Operating temperature: 0 °C to + 40 °C
Storage temperature: -25 °C to + 70 °C
Relative humidity: up to 93%, non-condensing

Documentation

User manual in German and English language as PDF download
Quick installation guide printed in German and English language

Scope of delivery

IP-phone, corded handset, movable foot, power supply unit,
LAN cable, quick installation guide
2-year manufacturer warranty

Article No. / Accessories

Teldat IP620 No.: 5530000215; Teldat IP630 No.: 5530000216
Teldat IP640 No.: 5530000348
Wall mount IP620/IP630/IP640 No.: 5530000219



Scenarios

Teldat Group



Founded in 1985, Teldat is a Spanish company whose mission is to provide companies with valuable solutions for cloud access, remote office communications, cyberse-curity and voice/data connectivity both in the office and in specific environments whether they are industrial, railway, vehicles or public services.

Website: www.teldat.com

SPAIN
Calle Isaac Newton, 10
Tres Cantos - 28760
Madrid (Spain)
Phone:+34 91 807 6565
info@teldat.com

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