

Ultra-Elegant Gigabit IP Phone FUTURO 46

Revolutionary SIP phone with a multitude of professional features

- Full Colour 4.3" LCD Screen
- Dual - Colour (Red or Green) LEDs for Line Status
- 10 Line Keys with LED (Program up to 27 features)
- HD sound
- Message waiting lamp
- Dual Ethernet connection
- Power Over Ethernet
- 2 Adjustable angles


TELRADFUTURO




TELRADINTERNATIONAL
THE FUTURE OF INTEGRATED COMMUNICATIONS

The Futuro 46 is the latest innovation of the advanced, executive level IP Phone. The new design appears the commerce, with high resolution TFT color display, delivering a rich visual experience. The Futuro 46 features a 4.3" color high resolution screen, 10 Line keys with dual color LEDs (red and green) that illuminate to show line stats information and can be programmed up to 27 various features with the 3 page view. Furthermore, the Futuro 46 is equipped with HD voice that delivers life-like voice communications. The Futuro 46 it not only wall mountable but has 2 adjustable stand angles to provide the optimal viewing angle for Users and can support EHS headset and USB.

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Audio Feature

HD voice: HD codec, HD handset, HD speaker
Codecs: G.722, G.711 (A/μ), G.723, G.729AB, G.726, GSM, iLBC
DTMP: In-band, Out-of-band(RFC 2833) and SIP INFO
Full-duplex hands-free speakerphone with AEC
VAD, CNG, AEC, PLC, AJB, AGC

Phone Features

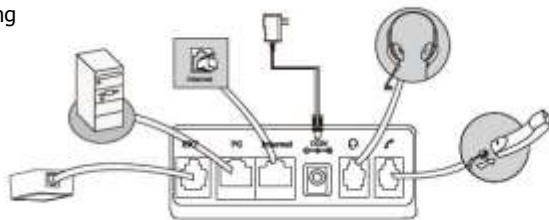
6 VoIP accounts
Call hold, Mute, DND
One-touch speed dial, hotline
Call forward, Call waiting, Call transfer
Group listening, SMS, Emergency call
Redial, Call return, Auto answer
3-way conferencing
Direct IP call without SIP proxy
Ring tone selection/import/delete
Set date time manually or automatically
Dial Plan
XML Browser
Action URL/URI

Directory

Local phonebook up to 1000 entries
Black list
XML/LDAP remote phonebook
Intelligent search method
Phonebook search/import/export
Call history: dialed/received/missed/forwarded

IP-PBX Features

Busy lamp field (BLF)
Bridged line appearance (BLA)
Anonymous call, Anonymous call rejection
Hot-desking
Message waiting indicator (MWI)
Voice mail
Call park, Call pickup
Intercom, paging
Music on hold
Call completion
Call recording



Display and Indicator

4.3" 480 x 272-pixel color display with backlight
16 bit depth color
LED for call and message waiting indication
Dual-color (red or green) illuminated LEDs for line status information
Wallpaper
Intuitive user interface with icons and soft keys
National language selection
Caller ID with name, number and photo

Feature keys

10 line keys with LED
10 line keys can be programmed up to 27 various features (3-page view)
7 features keys: message, headset, hold, mute, transfer, redial, hands-free speakerphone
4 context-sensitive "soft" keys
6 navigation keys
Volume control keys
Illuminated mute key
Illuminated headset key
Illuminated hands-free speakerphone key

Interface

Dual-port Gigabit Ethernet
Support Bluetooth headset through USB Dongle
1xRJ9(4P4C) handset port
1xRJ9(4P4C) headset port
1xRJ12(6P6C) EXT port:
Supports up to 6 Expansion Modules for an attendant console application
Power over Ethernet (IEEE 802.3af), class 3

Other Physical Features

Stand with 2 adjustable angles
Wall Mountable
External universal AC adapter (optional):
AC 100~240V input and DC 5V/2A output
2.5mm headset port
Power adaptor: AC 100~240V input and DC 5V/3A output
Power consumption (PSU): 1.8~5.4W
Power consumption (PoE): 2.1~8.0W
Dimension (W*D*H*T):
244mm*213mm*185mm*54mm
Operation humidity: 10~95%
Storage temperature: -10~50 °C

Management

Configuration: browser/phone/auto-provision
Auto provision via FTP/TFTP/HTTP/HTTPS for mass deploy
Auto-provision with PnP
BroadSoft device management
Zero-sp-touch, TR-0069
Phone lock for personal privacy protection
Recovery mode
Reset to factory, Reboot
Package tracing export, System log

Network and Security

SIP v1 (RFC2543), v2 (RFC3261)
Call server redundancy supported
NAT transverse: STUN mode
Proxy mode and peer-to-peer SIP link mode
IP assignment: static/DHCP/PPPoE
HTTP/HTTPS web server
Time and date synchronization using SNTP
UDP/TCP/DNS-SRV(RFC 3263)
QoS: 802.1p/Q tagging (VLAN), Layer 3 ToS, and DSCP
STRP for voice
Transport Layer Security (TLS)
HTTPS certificate manager
AES encryption for configuration file
Digest authentication using MD5/MD5-sess
OpenVPN, IEEE802.1X
IPv6

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