technicolor

TB30
Professional IP Phone

TELECOM
VOICE

The Technicolor TB30 offers a high quality IP solution at a cost-effective price, making feature rich VoIP services much more accessible for both large and small enterprises.

Full duplex and HD sound are combined in the TB30 to deliver an outstanding acoustic performance.

Constantly upgrading its SIP and MGCP stacks since 2005, the Technicolor TB30 offers interoperability with over 60 different

PaBXs across the market. In addition, for more flexibility, an extensive range of Auto Provisioning System (APS) functions simplify the deployment and maintenance of the Technicolor TB30.

Extended services
for business purpose:

- Phone services: Multilines, Call Forward, Call Transfer, Call Hold, Call Waiting, Redial
- Phonebook : Local (100 entries), Remote (HTTP XML)
- Caller ID display
- Automatic Callback
- 3-way conferencing
- 16 Polyphonic rings (Upload of new ones possible)
- HD Sound and full duplex
- USB master for software upgrade and phone configuration
- Multilingual menu: 9 languages by default and 1 customizable (English, French, Spanish, Russian, Portuguese, Italian, German, Dutch, Norwegian + 1 customizable)

A product designed
for an optimum ease of use:

- 240*120 full graphic display with backlight
- LED Alert Indicator (missed calls, Message Waiting)
- Navigation pad for menu navigation
- 3 contextual soft keys
- Two integrated RJ45 10/100 Ethernet switch ports

Complimentary add-ons
to extend the phone's functionalities

- Integrated headset RJ45 port with Electronics Hook Switch Support (Also known as DHSG)
- Extension module (36 additional backlighted keys)
- Multiple power options: power over Ethernet 802.3af and external power supply adapter

Extended interoperability
to increase flexibility

- VoIP Standard: SIP V2 (RFC 3261), SIPS, SRTP or MGCP

Our effort for the environment :

- PoE (Power over Ethernet) is the preferred powering solution
  for the TB30 although an optional External Power Supply can also be purchased.
- TB30 is compliant with Technicolor's energy saving policy (Low consumption ruled by CoC)
- Thanks to the integrated Ethernet switch, TB30 allows use of only one Ethernet wallplug for both phone and PC

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Headset designed in partnership with

Jabra

PLANTRONICS SOUND INNOVATION

A BRAND BY
GN Netcom

Technical Specifications

Phone Set

Function Support
- Speed dial (10 direct memories)
- Multiple calls operation
- Alert Indicator (missed calls, call or message waiting)
- Mute ,Hold, Transfer, Forward call operation
- On-hook dialing
- Full Duplex Handsfree
- Call Log (Local: 30 entries; incoming/outgoing calls or Remote XML)
- Address book (Local: 100 indirect memories or Remote XML)
- 16 polyphonic rings
- Caller ID Display
- Do Not Disturb
- Volume control (speaker, handset, headset & ringer)
- Date & time display (idle state)
- Call duration display
- Dial from Call log

Key Pad
- 3 soft keys, Volume Up & down, Menu and Cancel keys
- 5 keys navigation pad
- 12 keys dialing pad
- 10 backlighted programmable keys
- 2 fixed function keys (redial, phonebook)
- 3 fixed backlighted function keys (mute, handsfree, headset)
- 1 MWI Backlighted Voice Mail Key

Interfaces
- 2 RJ-45 auto-sensing 10/100Mbps (one for PC and one for LAN)
- 1 RJ-45 port for keyboard extension connection
- 1 RJ-45 port for headset connection with EHS/DHSG Support
- 1 RJ-9 port for handset connection
- 1 USB master port for advanced features

Technical Specifications

VoIP Protocol Support
- SIP v2 (RFC 3261), SIP S, SRTP or MGCP

VoIP platform tested support
- Alcatel OXE , Comverse/Netcentrex (SIP, MGCP), Cirpack (SIP, MGCP), Broadsoft,Nortel Cs2000, Open Source & Asterisk based IPBX, Net-tone, Epygi (SIP), Centile Comunigate, PBX Panasonic KX-TD100, Starface (Vertico IPBX), NEC Infrontia, Huawei SoftX3000, Sylantro, Fujitsu/Metaswitch, Gendband M6

Audio Codec
- G.711 µ-law/A-law, G.723.1, G.729ab, G.722, G722.2, ilbc

Internet Support
- IP (RFC0791), TCP (RFC0793), UDP (RFC0768) ARP (RFC0826) protocols
- DHCP client (RFC2131)
- SDP, TFTP, HTTP, HTTPS, DNS, SNTP, SNMP

Embedded switch VLAN Support
- VLAN segregation (Data VLAN for PC and Voice VLAN for the phone)

Ethernet
- IEEE 802.3 10BASE-T Ethernet
- IEEE 802.3u 100BASE-TX Fast Ethernet

Quality of Service
- ToS Diffserv, 802.1p/Q
- VAD, CNG, Proprietary Packet Loss compensation, Adaptative Jitter Buffer

Dial Tone Signal Generation
- DTMF (Out of Band and In Band)
- RFC 2833
- SIP info

Configuration

IP Adress Assignment
- DHCP client or fixed

Configuration Support
- Keypad & LCD
- Web browser management with 2 Levels (User and Admin)
- TFTP, HTTP, HTTPS, USB, TR69 (Under specific arrangement) server download
- Local & remote warm reboot
- Configuration protected by Password
- Encryption of Configuration file

Physical & Environmental

Mounting
- Footstand with 2 angles

Power over Ethernet
- Power over Ethernet (802.3af), DC 48V, class 2

Power Adapter
- 100 to 240 VAC 50/60 Hz 0.5 A
- 12V, 1A, SMPS

Operating Temperature
- from 0° to 50° C (32° / 104° F)

Storage Temperature
- from -5° to 80° C (-40° / 158° F)

Humidity
- up to 95% non-condensing

Delivered without AC Adapter

No additional licence fee

Technicolor Professional Services are available to address your demands for qualified technical support & warranty, product maintenance, access to training courses and tailor-made solutions to specific product evolution. For more information, please consult the Professional Services datasheet and ask your usual contact person.

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