

THOMSON

SpeedTouch 2030 VoIP Business Phone



The SpeedTouch 2030 offers a high quality IP solution at a cost effective price making Voice over IP (VoIP) more accessible for businesses.

The SpeedTouch 2030 is a VoIP phone that is compliant with SIP/MGCP and can be used with any SIP compliant PBX, Softswitch or IP Centrex solutions of the market. It addresses the need for a cost effective IP solution, helping to make VoIP a viable, attractive option for small or large offices environment.

The SpeedTouch 2030 includes the main following features:

- ▶ 128*64 full graphic display
- ▶ Connectivity: Integrated two port 10/100 Ethernet switch
- ▶ Phone services:
 - > Multilines, Call Forward, Call Transfer, Call Hold, Call Waiting, Redial
 - > Handsfree
 - > Alert (missed calls, Message Waiting Indicator)
 - > 10 Speedial keys/ Supervision backlighted keys (MGCP)
 - > Phonebook (100 entries)
 - > Caller ID display
 - > Automatic Callback
- ▶ Audio extension connection: Integrated headset RJ9 port
- ▶ 3 ways conferencing
- ▶ Extension module (28 additional backlighted keys)
- ▶ Polyphonic rings
- ▶ Multiple power options: power over Ethernet 802.3af and external power supply adapter
- ▶ VoIP Standard: SIP V2 (RFC 3261) or MGCP
- ▶ Voice compression standards: G.711, G.723, G.729ab
- ▶ IP addressing: Static or Dynamic IP configuration (integrated DHCP client)
- ▶ Quality of Service: ToS Diffserv, 802.1p/Q, VAD, CNG, Packet Loss Compensation, Adaptive Jitter Buffer
- ▶ Web browser interface for configuration and firmware upgrade (admin & user mode)
- ▶ SNMP
- ▶ Automatic Provisioning System (DHCP, TFTP/HTTP)
- ▶ 5 Languages





TECHNICAL SUMMARY

Key Features

- ▶ 5 languages
- ▶ SIP V2 compliant or MGCP
- ▶ 128x64 full graphic display
- ▶ 2 RJ45 Ethernet Switch
- ▶ Power over Ethernet 802.3af standard
- ▶ Handsfree
- ▶ Navigation keys
- ▶ 3 soft keys
- ▶ 10 Multi-Lines backlighted
- ▶ Extension module
- ▶ Headset support

Phone Set

Function Support

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

Key Pad

- ▶ 30 keys
- ▶ 3 soft keys, Volume Up & down, Menu and Cancel keys
- ▶ 10 backlighted programmable keys
- ▶ 2 fixed function keys (redial, phonebook)
- ▶ 3 fixed backlighted function keys (mute, handsfree, headset)

LED Indicator

- ▶ Bicolor LED Indicator (Voice mail, Alert, ...)

Interfaces

- ▶ 2 RJ-45 auto-sensing 10/100Mbps (one for PC and one for LAN)

Technical Specifications

VoIP Protocol Support

SIP (RFC 3261) or MGCP

Audio Code

- ▶ G.711 μ -law/A-law
- ▶ G.723.1
- ▶ G.729ab

Internet Support

- ▶ IP (RFC0791), TCP (RFC0793), UDP (RFC0768), ARP (RFC0826) protocols
- ▶ DHCP client (RFC2131)
- ▶ SDP
- ▶ TFTP
- ▶ HTTP
- ▶ DNS
- ▶ NTP
- ▶ SNMP

Embedded switch VLAN Support

- ▶ VLAN segregation (Data VLAN for PC and Voice VLAN for the phone)
- ▶ Security and quality increased

Ethernet

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

Quality of Service

- ▶ ToS Diffserv, 802.1p/Q
- ▶ VAD, CNG, Packet Loss Compensation, Adaptive Jitter Buffer

Dial Tone Signal Generation

DTMF (Out of Band and In Band)
RFC 2833

Configuration

IP Address Assignment

DHCP client or fixed

Configuration Support

- ▶ Keypad & LCD
- ▶ Web browser management with 2 Levels (User and Admin)
- ▶ TFTP/HTTP server download
- ▶ Local & remote warm reboot
- ▶ Configuration protected by Password

Physical & Environmental

Mounting

- ▶ Footstand

Power Input

- ▶ DC 48V
- Power Input :
 - 100V/60Hz to 220V/50Hz full range autoswitching
 - Power over Ethernet (802.3af)

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 with AC Adapter

No additional licence fee

For more information

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