

Thomson ST2030 - VoIP Business Phone



Voice Data Video

TELECOM

CABLE

SATELLITE

TERRESTRIAL

The Thomson ST2030 offers a high quality IP solution at a cost effective price making Voice over IP (VoIP) more accessible for small and large enterprises.

This VoIP Phone is compliant with SIP/MGCP and can be used with any SIP compliant PBX, Softswitch or IP Centrex solutions of the market.

| The Thomson ST2030 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, Adaptative Jitter Buffer
- Web browser interface for configuration and firmware upgrade (admin & user mode)
- SNMP
- Automatic Provisioning System (DHCP, TFTP/HTTP)
- 5 Languages

TECHNICAL SUMMARY

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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,

Adaptative Jitter Buffer

Dial Tone Signal Generation

DTMF (Out of Band and In Band)
RFC 2833

Configuration

IP Adress 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 0o to 50o C (32o / 104o F)

Storage Temperature

from -5o to 80o C (-40o / 158o F)

Humidity

up to 95% non-condensing

Delivered with AC Adapter

No additionnal licence fee

For more information

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