

Alcatel

SP2602



Redefining the essentials of business telephony

- **2.4" TFT Color display** for easy access to a variety of business functions through a vivid and intuitive interface
- **Paperless line/programmable keys**
- Access to **large local and network phonebooks** for enhanced contact management
- **Full duplex handsfree** to ease your up to **6-way conference** calls
- **Headset and EHS* support** for convenient conversations in office environments



Color display



4 SIP accounts



IPv6



HD voice



Handsfree

SP2602



MAIN FEATURES

- 2.4", 320x240 TFT color display
- 4 sip accounts
- Power over Ethernet
- Full duplex handsfree
- Wideband audio
- RJ9 headset port and headset key
- EHS support for Plantronics headsets (with APD 80)
- Paperless line/programmable keys
- Call log: 600 entries (received, dialed, missed)
- Phonebook: local (1000 entries, downloadable), XML.
- LDAP, black and white lists
- Caller ID (name & number)
- Multiple built in languages on WUI and phone MMI

FUNCTION SUPPORT

- Call waiting, call swap, up to 10 call handling
- 3 paperless programmable line/function keys with BLF support
- 4 customizable softkeys , with up to 10 DSSkeys
- Downloadable wallpaper
- Programmable shortcuts in navigation keys
- Visual indicators (LED or on/ screen:incoming call, MWI, mute, headset, no service)
- Mute, hold, transfer, call forward, call deflection, redial,
- 6-way conference
- 9 built in melodies
- Do Not Disturb (per line and per phone), keypad lock
- Auto answer (per line)
- Volume control (handset, speakerphone, headset and ringers)
- Peer to peer mode, IP Call
- Dial plans, prefix replacement, call barring
- Anonymous call, ACR
- XML browser, action urls , click to talk
- Keypad lock

IP PBX INTEGRATION

- Voicemail access, MWI
- Network conference
- BLF (list/extension)
- DND&CF sync, SCA
- Intercom, music on hold, multicast paging
- Call park, pickup
- Call completion
- Country call progress tones
- Distinctive ringing
- VIP melodies

KEYPAD

- 4 customizable softkeys
- Configurable idle mode function for all hardkeys
- 3 paperless programmable line/function keys with BLF support
- 5-way navigation key (configurable shortcuts for idle mode)
- Standard dial keypad
- Dedicated keys for redial, access to voicemail, phonebook, status, call hold, call transfer and conference
- Mute, hands free and headset keys
- Volume up and down keys

INTERFACES

- 2 RJ 45 auto sensing 10/100 Mps (LAN/PC)
- 1 RJ 9 port for handset connection
- 1RJ 9 port for headset connection
- 5Vdc power jack

TECHNICAL SPECIFICATIONS

VoIP Protocol Support

- SIPv2 (RFC3261)

Voice Features:

- G722, Opus, G711A, G711u, G723.1, G726 32, G729ab, ILBC
- Wideband audio (handset and speaker)
- Voice Activity Detection, Comfort Noise Generation,
- Acoustic Echo Cancellation, Packet Loss Concealment,
- Adaptive Jitter Buffer (300ms), AGC , VQR, RTCP XR
- Full duplex handsfree with AEC, 96ms tail length
- DTMF: In band, RFC2833, SIP Info

Network Features:

- Modes: IPv4 , IPv6
- DHCP/Static/PPPoE
- DNS Srv , STUN, NTP
- 802.1x, LLDP
- QoS 802.1p/Q, ToS /DSCP

Security Features:

- TLS, SRTP, HTTPS with mutual certificate authentication
- VPN: L2TP (Basic Unencrypted) / OpenVPN
- Config file AES encryption
- 2 level access privileges (user/admin)
- Password dial, web filter, firewall
- Server and client certificate upload; MAC based device certificate

Industrial Standard Certifications:

- FCC, CE

CONFIGURATION AND MANAGEMENT

IP address Assignment,

- DHCP, static IP, PPPoE

Configuration Support

- Keypad
- Web browser management (Admin/User), HTTP/HTTPS
- Autoprovision with PnP, HTTP/HTTPS/TFTP/FTP, APRT
- support , firmware upgrade through provisioning files or notification server
- One click config file generation, config restore
- TR069
- Pcap tracing, syslog

PHYSICAL & ENVIRONMENTAL

Mounting

- Desk top

Security slot

Power over Ethernet

- 802.3af, class 1

Power Adaptor

- AC100 240V input, 5Vdc/1A output (not included)

Power Consumption:

- PoE: 1.32 to 2.09W
- PSU: 0.84 to 1.43W

Operating temperature:

- From 0° to 45°C

Operating Humidity:

- 10% to 95% non condensing

Storage temperature:

- Up to 50°C

Package dimensions:

- Individual box: 250x220x55 WxLxH
- Grouping carton: 460x300x270mm (10pcs)

COMMERCIAL REFERENCE

SP2602

3700601427622