

# Alcatel

## SP2505G



### The full-fledged feature set your business requires

- **Large 4.3" TFT Color display** with **video play out** for a best-in-class user experience
- **Paperless programmable keys** to quickly spot and reach your favorite functions and contacts
- **2 Gigabit ports** to fulfill demanding environments and make the most out of your network
- Access to **high-capacity local and network phonebooks** for enhanced contact management
- Embedded **VPN client** for secure remote connections



Large high resolution color display



45 paperless keys (5x9)



6 sip accounts



2 Gigabit Ethernet ports



HD voice



## MAIN FEATURES

- 4.3", 480x272 TFT color display
- 6 sip accounts
- Power over Ethernet, 2 Gigabit Ethernet ports
- Full duplex handsfree
- Wideband audio
- RJ9 headset port and headset key
- EHS support for Plantronics headsets (with APD-80)
- Call log: 300 entries (received, dialed, missed)
- Phonebook: local (1000 entries, downloadable), XML, LDAP, black and white lists
- Programmable paperless keys
- Caller ID (name & number)
- Multiple built-in languages on WUI and phone MMI
- Video play out for doorphone applications
- Call recording (on USB memory or remote server)
- Bluetooth™ headset support (with USB dongle)

## FUNCTION SUPPORT

- Call waiting, call swap, up to 10 call handling
- 10 paperless programmable line/function keys with tri-color backlight (up to 45 virtual keys) and downloadable icons
- 4 customizable softkeys, downloadable wallpapers
- 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, 3-way conference
- 9 built-in melodies, downloadable .wav ringtones
- 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
- Hot line, Hot desking

## 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
- 10 programmable paperless line/function keys with tri-color backlight (up to 45 virtual keys)
- 5 way navigation key (configurable shortcuts for idle mode)
- Hold, transfer, conference, phonebook and call history keys
- Redial, access to voicemail, status and volume control keys
- Mute, hands free and headset backlit keys

## INTERFACES

- 2 RJ-45 auto sensing 10/100/1000Mps (LAN/PC)
- 1 RJ-9 port for handset connection
- 1 RJ-9 port for headset connection
- 12Vdc power jack
- 1 USB port (for USB memory or Bluetooth dongle)

## TECHNICAL SPECIFICATIONS

### VoIP Protocol Support:

- SIPv2 (RFC3261)

### Voice Features:

- G722, AMR-WB, G711A, G711u, G723.1, G726-32, G729ab, AMR, iLBC
- Wideband audio
- 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:

- 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:

- Adjustable multiposition footstand: 2

### Power over Ethernet:

- 802.3af, class 3

### Power Adaptor:

- AC100-240V input, 12Vdc/1000mA output (not included, order separately)

### Operating temperature:

- From 0° to 40°C

### Operating Humidity:

- 10% to 60% non-condensing

### Storage temperature:

- Up to 50°C

### Package dimensions:

- 285x270x65mm (WxLxH)

## COMMERCIAL REFERENCE

SP2505G	3700601490039
PSU for SP2505G (EU)	3700601490121
PSU for SP2505G (US)	3700601490138