

# ALCATEL

business phones

## Alcatel IP1020



### Offer your company the best in mobility

- DECT solution with out-of-sight base for installation convenience
- Four concurrent HD calls, up to 6 handsets and 8 sip accounts for best-in-class system performance
- Flexible multi-handset and multi-number scheme
- Elegant, large color screen handset with easy access to main business features
- Access to personal, shared or network phonebooks to increase productivity
- 10 speed dial keys to easily call privileged correspondents



High Definition Sound



Full Duplex Handsfree



Up to 6 handsets supported



8 SIP accounts



## Alcatel IP1020

### Commercial references

IP1020 3700601401967

IP1020P 3700601406924

### Main features

- Includes base station, one handset, handset charging cradle, PSUs
- 2" full color TFT display (176x220)
- Dialing keypad with white backlight
- Mute and MWI buttons with orange backlight
- Up to 8 sip accounts
- Up to 6 handsets supported on base
- Paging/registration key on base
- Flexible phone number/handset assignment scheme
- Power over Ethernet Class 2 (Alcatel IP1020P base only)
- Full duplex Handsfree
- 2,5mm jack headset port , belt clip
- Call log : 100 entries (received, dialed, missed), centralized
- Phonebook: local (100), shared (250), network and blacklist
- Caller ID (name& number) display
- 6 built-in languages, up to 12 supported

### Function support

- Multiple call operation (up to 2 on handset/up to 4 on base)
- Speed dial (10)
- Alert indicators (incoming call, missed calls, no service, out of range, MWI)
- Mute, hold, transfer (internal and external), call forward, call deflection, redial, 3-way conference, call waiting, call swap, conference split,...
- 15 melodies (of which 10 polyphonic)
- Do Not Disturb, Silence timer, Keypad lock
- Volume control (speaker, handset, headset and ringers)
- Dial plans, Prefix replacement, Forbidden numbers, Hot line
- Anonymous call, ACR, Black lists
- Voice mail , network and local (Pending)
- Network conference, BLF, DND&CF sync
- Intercom, paging, Music on hold
- Group pickup, Call park
- Transfer to headset
- Distinctive ringing
- Calendar application

### Key pad

- 2 softkeys
- 5-way navigation key (phonebook, volume, redial, intercom, menu)
- Mute, voice mail, flash/BLF, off-hook/handsfree/line selection, on-hook/power-off

### Interfaces

- 1 RJ-45 auto sensing 10/100Mbps (base)
- 1 jack (2,5mm) for headset connection
- 5VDC power jack (base)
- 6VDC power jack (handset charger )

### Radio specifications

- DECT
- Frequency band
  - DECT Europe : 1880MHz-1900MHz
  - DECT 6.0 North America : 1920MHz-1930MHz
- Range:
  - Indoor: 50m
  - Outdoor: 300m

### Technical Specifications

#### VoIP Protocol Support :

- SIPv2 (RFC3261), SIPv1

#### Voice Features :

- G722.2, G711A, G711u, G726, G723.1, G729ab
- HAC, VAD, CNG, AEC, PLC, AJB, AGC
- Full duplex speakerphone with AEC

#### Network Features:

- DHCP/Static/PPPoE
- DNS Srv, Redundant server support
- STUN
- DTMF: In band, RFC2833, RFC4733, SIP Info
- 802.1x, LLDP
- QoS 802.1p/Q, ToS/DSCP
- NTP

#### Security Features:

- TLS
- SRTP
- HTTPS with mutual certificate authentication
- Config file AES encryption
- 2 level access privileges

### Configuration and Management

#### IP address Assignment :

- DHCP, Static IP, PPPoE

#### Configuration Support :

- Keypad/LCD display
- Web browser management (Admin/User), HTTP/HTTPS
- Autoprovision with HTTP/HTTPS/TFTP
- Autoprovision with PnP
- Alcatel Business APRT Service
- Pcap tracing, syslog

### Physical & Environmental

#### Mounting :

- Desk and wall mounting

#### Power over Ethernet :

- 802.3af, class 2 (Alcatel IP1020P only)

#### Power Adaptor :

- Handset : AC100-240V input, 6Vdc/0.5A output
- Base : AC100-240V input, 5Vdc/0.5A

#### Batteries:

- 2xLR3/AAA NiMH (standby time: 10h/talk time: 100h)

#### Operating temperature :

- From 0° to 40°C

#### Operating Humidity :

- up to 95% non-condensing

#### Storage temperature :

- Up to 60°C