



KAREL IP136 IP PHONE

GIGABIT COLOR DISPLAY IP PHONE - IP136

- Dual-port Gigabit (10/100/1000 Mbps) Ethernet
- PoE support
- HD voice
- 4.3" 480 x 272-pixel color display with backlight
- Up to 6 SIP accounts
- Built-in a USB port, support Bluetooth headset (Through USB Dongle)
- Headset, EHS support
- Supports expansion modules
- Stand with 2 adjustable angles
- Wall mountable
- Simple, flexible and secure provisioning options

The IP136 is Karel's latest revolutionary IP Phone for executive users and busy professionals. New designs appears the commerce, with high-resolution TFT color display, delivering a rich visual experience. Optima HD technology enables rich, clear, life-like voice communications. Supports Gigabit Ethernet, a variety of device connections, including EHS headset and USB. With programmable keys, the IP Phone

supports vast productivity-enhancing features.

Audio Features

- HD voice: HD handset, HD speaker
- Codecs: G.722, G.711(A/μ), G.723, G.729AB, G.726, GSM, iLBC
- DTMF: In-band, Out-of-band(RFC 2833) and SIP INFO
- Full-duplex hands-free speakerphone with AEC
- VAD, CNG, AEC, PLC, AJB, AGC

Display and Indicator

- 4.3" 480 x 272-pixel color display with backlight
- 16 bit depth color
- LED for call and message waiting indication
- Dual-color (red or green) illuminated LEDs for line status information
- Wallpaper
- Intuitive user interface with icons and soft keys
- National language selection
- Caller ID with name, number and photo

Phone Features

- 6 VoIP accounts
- Call hold, mute, DND
- One-touch speed dial, hotline
- Call forward, call waiting, call transfer
- Group listening, SMS, emergency call
- Redial, call return, auto answer
- 3-way conferencing
- Direct IP call without SIP proxy
- Ring tone selection/import/delete
- Set date time manually or automatically
- Dial plan
- XML Browser
- Action URL/URI

Directory

- Local phonebook up to 1000 entries
- Black list
- XML/LDAP remote phonebook
- Intelligent search method
- Phonebook search/import/export
- Call history: dialed / received / missed / forwarded

IP-PBX Features

- Busy Lamp Field (BLF)
- Bridged Line Appearance (BLA)
- Anonymous call, anonymous call rejection
- Hot-desking
- Message Waiting Indicator (MWI)
- Voice mail
- Call park, call pickup
- Intercom, paging
- Music on hold
- Call completion
- Call recording

Management

- Configuration: browser/phone/auto-provision
- Auto provision via FTP / TFTP / HTTP / HTTPS for mass deploy
- Auto-provision with PnP
- BroadSoft device management
- Zero-sp-touch, TR-069
- Phone lock for personal privacy protection
- Reset to factory, reboot
- Package tracing export, system log

Network and Security

- SIP v1 (RFC2543), v2 (RFC3261)
- Call server redundancy supported
- NAT transverse: STUN mode

- Proxy mode and peer-to-peer SIP link mode
- IP assignment: static/DHCP/PPPoE
- HTTP/HTTPS web server
- Time and date synchronization using SNTP
- UDP/TCP/DNS-SRV (RFC 3263)
- QoS: 802.1p/Q tagging (VLAN), Layer 3 ToS DSCP
- SRTP for voice
- Transport Layer Security (TLS)
- HTTPS certificate manager
- AES encryption for configuration file
- Digest authentication using MD5/MD5-session
- OpenVPN, IEEE802.1X
- IPv6

Feature keys

- 10 line keys with LED
- 10 line keys can be programmed up to 27 various features (3-page view)
- 7 features keys: message, headset, hold, mute, transfer, redial, hands-free speakerphone
- 4 context-sensitive "soft" keys
- 6 navigation keys
- Volume control keys
- Illuminated mute key
- Illuminated headset key
- Illuminated hands-free speakerphone key

Interface

- Dual-port Gigabit Ethernet
- Support Bluetooth headset through USB Dongle
- 1xRJ9 (4P4C) handset port
- 1xRJ9 (4P4C) headset port
- 1XRJ12 (6P6C) EXT port: Supports up to 6 Expansion Modules for an attendant console application
- Power over Ethernet (IEEE 802.3af), class 3

Other Physical Features

- Stand with 2 adjustable angles
- Wall mountable
- External universal AC adapter (optional): AC 100~240V input and DC 5V/2A output
- Power consumption (PSU): 1.8-5.4W
- Power consumption (PoE): 2.1-8.0W
- Dimension (W*D*H*T): 244mm * 213mm * 185mm * 54mm
- Operating humidity: 10~95%
- Operating temperature: -10~50°C

Package Features

- Qty/CTN: 5 PCS
- N.W/CTN: 8.1KG
- G.W/CTN: 9.16K
- Giftbox size: 274mm*258mm*142mm
- Carton Meas: 732mm*286mm*266mm

KAREL

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