

P-230IP



**Next Generation
IP Phone For Business**

Introducing “P-230IP” phone

“P-230IP” is a next generation SIP phone delivering HD (high-definition) voice. P-230IP has an ergonomic design, equipped with wide range of user friendly features ensuring a superior user experience.

It comes with full duplex speaker phone, PoE and Dual LAN ports. Its smaller foot print with ease of provisioning, configuration and management serve to simplify operational activities and reduce the cost of ownership.



Key Features “P-230IP”

- 128 X 64 LCD display (4 Line) with back-lit
- Hands-free Mode (Full duplex)
- HD Voice
- 4 context specific keys with 3 levels offering 12 freely programmable keys
- 8 Dedicated function keys
- 4 way navigator
- Name Display support in addition to CLI
- 2 Line Keys & up to 6 SIP Accounts
- Headset port
- Phonebook with Intelligent search function (1000 entries)
- Call Logs (400 records)
- Speed Dial
- Dialpad lock (Selective/Full)
- Inbuilt user guide
- Customized Ringtones
- In-band and Out-Band DTMF(RFC2833)
- Comfort Noise Generation
- Adaptive Jitter Buffer Management
- Voice Activity Detection
- Echo Cancellation

Management and Maintenance

- Web based management
- Auto provisioning support
- Support system log

Supported Telephony Platforms

- OpenScape Business V1 onwards
- OpenScape 4000 V7 onwards
- OpenScape Voice
- HiPath 3000 V8 onwards
- HiPath 4000 V5 onwards
- HP-256 C+ /T+

Telephony Features

- | | | | |
|--|--|---|--------------------------------|
|  | Calling Line Identification (CLI) |  | Extension to Extension Dialing |
|  | Call Transfer (internal & external) - Blind |  | Call Waiting |
|  | Call Transfer (internal & external) - Supervised |  | Conference (3 Party) |
|  | Call Pickup (Directed) |  | Do Not Disturb (DND) |
|  | Call Pickup (Group) |  | DTMF Suffix dialling |
|  | Key Padlock |  | Auto Answer |
|  | Call Forwarding of All calls |  | Calling party Name display |
|  | Call Forwarding Busy |  | Hotline |
|  | Call Forwarding No Answer |  | Last Number Redial |
|  | Call Forwarding Fixed |  | LDAP Support |
|  | Phone book |  | Supports upto 6 SIP Account |



Technical Parameters

Display	128 x 64 Pixels (4 Line) with Backlit
Feature Keys	4 context specific keys with 3 levels offering 12 freely programmable keys
Volume Adjustment	+/- Keys
Hands free	Full duplex
Supported Codecs	Narrowband codec: G.711(a/μ), G.729A/B/AB, G.726, iLBC, OPUS, Wideband codec: G.722, L16.
Audio Features	Supports VAD, CNG, AGC, G.165 and G.168 standards
Headset Jack	RJ 9 headset jack
Base stand	Angled Position detachable stand
Interface Protocol Supported	LDAP, XML remote phonebook,
Network Security Support	TLS, HTTPS, SRTP (RFC3711), Digest authentication using MD5/MD5-sess, AES encryption for configuration files.
Auto Provisioning Support	FTP/TFTP/HTTP/HTTPS, DHCP, PnP, Redirection Provisioning, Service (RPS), Import/Export CFG file via web, Generate multiple configuration files via tool, Periodic check and update
Network Interface	Dual switched auto-sensing 10/100 Mbps Ethernet ports, integrated PoE
PoE	PoE IEEE 802.3af Class 1
Protocols / Standards	IPv4 & IPv6, VLAN, LLDP, CDP, OpenVPN, IEEE 802.1X, STUN NAT Traversal, RPORT. SIP connection mode: Proxy mode, Peer to Peer, DNS SRV (RFC3263). DTMF: In-band, RFC2833, SIP INFO, HTTP/HTTPS web server. LAN/PC: support bridge mode, Support auto negotiation, Package tracing via PC port. Package tracing export by web. Supports syslog.
QOS	Qos(IEEE802.1Q/p VLAN tagging),layer 3 QoS(ToS,DiffServ,MPLS)
Power Consumption	Idle Condition 0.6 W, Active Condition 1.5 W
Operating Temperature	10 - 50°C
Relative Humidity	10 - 90%
Weight	0.624 Kg
Dimension	19.8cm(L) 15.9cm(W) 4.6cm(H)
Color	Black

Sales Offices:

Ahmedabad

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Bhopal

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Cochin

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Mahape

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