

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

409, Pinnacle Business Park,  
Corporate Road,  
Pralhadnagar,  
Ahmedabad - 380015  
Tel.: +91-79-4040 7500

### Bengaluru

No. 92-93, 1<sup>st</sup> Floor,  
Garden Citi Plaza, Domlur,  
Koramangala Intermediate  
Ring Road, Amar Jyothi Layout,  
Bengaluru - 560071  
Tel.: +91-80-4361 8000

### Bhopal

2<sup>nd</sup> Floor, Gomti-Villa,  
273, Zone-II, M. P. Nagar,  
Bhopal - 462011  
Tel.: +91-75-5400 4676

### Bhubaneswar

Plot No.382, 2<sup>nd</sup> Floor  
Bhoi Nagar, Behind Sahid  
Nagar Police Station,  
Bhubaneswar - 751022  
Mob.: +91-94370 04318

### Chandigarh

C/o Regus Business Centre,  
SCO 54-56, 3<sup>rd</sup> Floor,  
Sector 17A,  
Chandigarh 160017, India  
Mob.: +91-99888 99421

### Chennai

Unit No.2, West wing,  
4<sup>th</sup> Floor, Maalavika Centre,  
No.144-145 Kodambakkam  
High Road, Nungambakkam,  
Chennai - 600 034  
Tel.: +91-44-2833 4190

### Cochin

KG Oxford Business Centre,  
No 39/4609, 4<sup>th</sup> Floor C,  
Sree Kandath Road,  
Ravipuram, Cochin - 682016  
Tel.: +91-484-404 4260

### Delhi

A-25, Mohan Co-operative  
Industrial Estate, Mathura  
Road, New Delhi - 110044  
Tel.: +91-11-4288 5508

### Gurgaon

4<sup>th</sup> floor B-Block, Times Square  
Building, Sushant Lok Phase 1,  
Gurgaon – 122001, Haryana  
Tel.: +91-11-4288 5508

### Hyderabad

H. No. 1-65/2/40 & 41 (P)  
Plot No: 68, 1<sup>st</sup> Floor, A1 Towers,  
Sri Rama Colony, Kavuri Hills  
Phase 1, Madhapur,  
Hyderabad – 500 033  
Tel.: +91-40-4448 2500

### Jaipur

605, 6<sup>th</sup> Floor, Green House,  
Ashok Marg, C-Scheme,  
Jaipur - 302001  
Mob.: +91-96549 10792  
Mob.: +91-96729 91967

### Jammu

Lane No-1, R K Vihar Behind,  
Rama Krishn Ashram,  
Udhewalla, Bohri,  
Jammu-180002  
Mob.: +91-99888 99421

### Kolkata

12<sup>th</sup> Floor, Unit No.3, PS Srijan  
Corporate Park Tower-1,  
Plot No. G-2, Block EP & GP,  
Sector-V, Bidhannagar,  
Salt Lake Electronics Complex,  
Kolkata – 700091  
Tel.: +91-33-4016 5100

### Lucknow

C/O. Regus Infinity Business  
Hubs, 4<sup>th</sup> Floor, Halwasiya  
Court, Hazratganj,  
Lucknow - 226001, U.P.  
Mob.: +91-77048 09251

### Mumbai

Unit No. 901, 9<sup>th</sup> Floor,  
Lodha Supremus, Wing - E,  
I Think Techno Campus,  
Kanjurmarg (East),  
Mumbai - 400 042  
Tel.: +91-22-4154 7000

### Mahape

EL - 19, MIDC, TTC Industrial  
Area, Mahape, Near Nelco,  
Navi Mumbai - 400710

### Pune

Office No. 2, 2nd Floor,  
Patil & ABK House, Pakharbaug  
Society, Ram Nagar, Bavdhan,  
Pune, Maharashtra - 411021  
Tel.: +91-20-2291 6060

### Vadodara

A/413, Atlantis, B/s. Central  
Square, At Sarabhai Campus,  
Nr. Genda Circle,  
Vadodara - 390023  
Tel.: +91-265-232 3155

### Visakhapatnam

Visakha Business Centre, Cabin  
S-9, 46-19-5, Manda Vari Street,  
Behind Big Bazar, Dondaparthi,  
Visakhapatnam - 530016  
Mob.: +91-99493 53919

### Nagpur

1st Floor, 6-A, Matruchaya,  
Modern Society, Chhatrapati  
Square, Wardha Road,  
Nagpur - 440015  
Tel.: +91-712-3580 369

### Aurangabad

Mob.: +91-77200 25100

### Coimbatore

Mob.: +91-90430 02473

### Dehradun

Mob.: +91-95680 10446

### Goa

Mob.: +91-80-4361 8000

### Guwahati

Mob.: +91-98640 16888

### Kota

Mob.: +91-96549 10792

### Madurai

Mob.: +91-90430 02473

### Patna

Mob.: +91 98713 95569

### Raipur

Mob.: +91-98260 10263

### Ranchi

Mob.: +91-76541 90694

### Vijayawada

Tel.: +91-40-4448 2500

### Trichy

Mob.: +91-90430 02473

Contact us: 011-4288 5508

[www.progilitytech.com](http://www.progilitytech.com)

**Corporate Head Office:** Unit No. 1001, 10th Floor, Lodha Supremus, Wing - E, I Think Techno Campus, Kanjurmarg (East),  
Mumbai - 400 042, Maharashtra, India. Tel.: +91-22-4154 7000, Fax: +91-22-4154 7222 Email us - india@progilitytech.com

