



IP Communication to Fast Track your business Success

Introducing HP-256 IP System

Compact | Feature Rich | Versatile

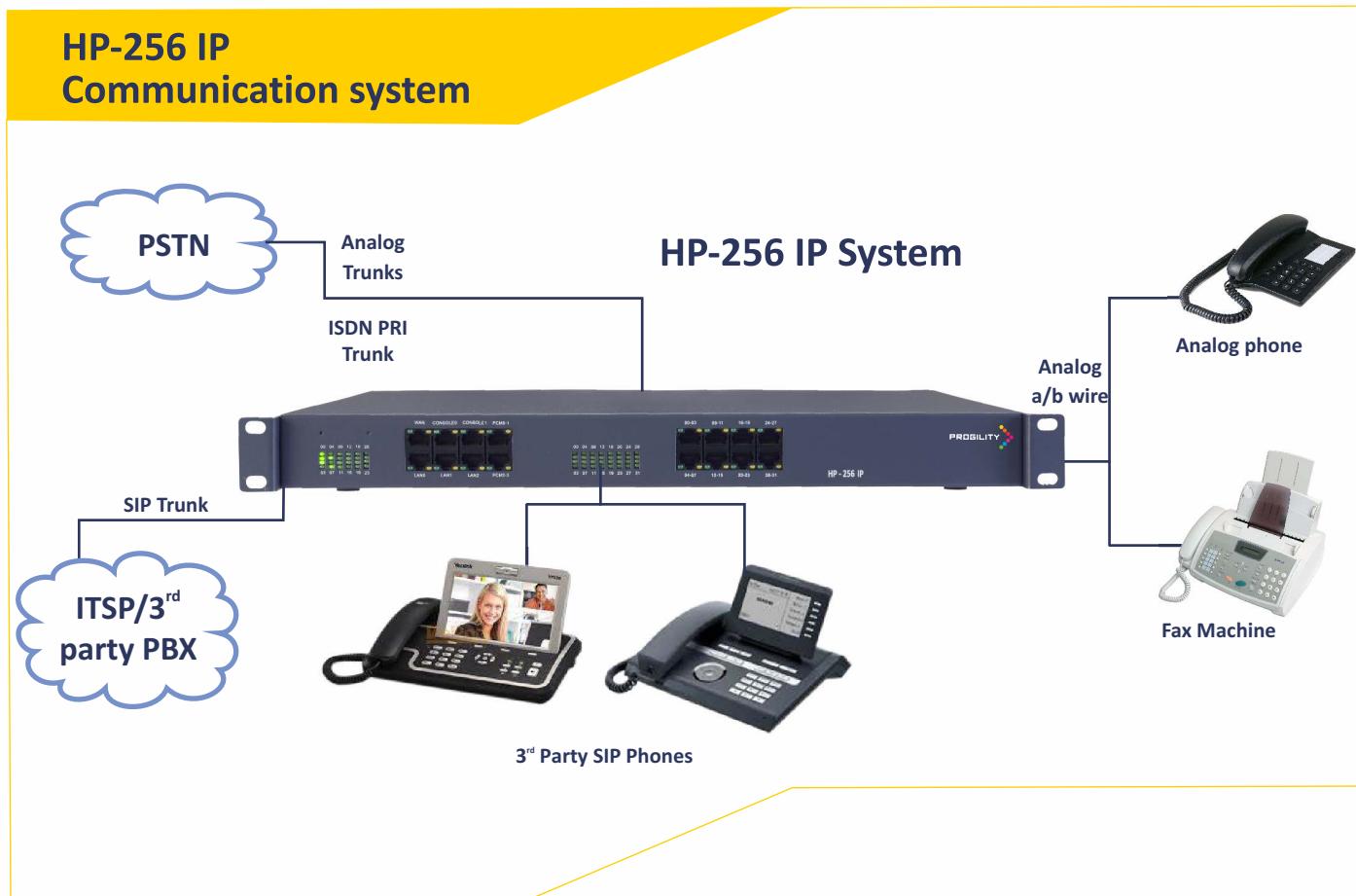


HP 256 IP - New star on the horizon

Effective & Efficient business IP Communication System is vital to any business for its growth and success. HP - 256 IP is our newly launched product which ticks all the boxes required in an intelligent yet affordable IP Communication System and is specially tailored keeping in mind the requirements of the small and medium enterprises.

HP 256 IP - Key USP that stands out from rest of the crowd

- Intelligent and Affordable IP Communication System
- Future Forward Features , Scalability - Stability - High on Reliability
- Drives down your operational cost
- Supports upto 256 IP users



Features at a glance

Interactive Voice Response (IVR)

- In-built IVR for incoming PSTN (Analog & PRI) lines
- Supports multi-level tree structures
- Simultaneous 32 calls can be handled

In-Skin Voicemail

- In-Skin Voicemail (8/16 ports)
- Voice Mail to e-mail integration
- Supports 500 GB hard disk and 17,750 hours of recording
- It doesn't consume any analog extension ports
- Supports WEB-based management

Voice Recording

- In-skin Voice Recording (8/16 ports)
- Can record any interface (Analog / IP extensions, Analog / PRI Trunks)
- Supports 500 GB hard disk and 17,750 hours of recording
- Supports WEB-based management
- Supports selective port (Extensions & Trunks) recording

Call Billing Application

- Integrated Call Billing Application enables the administrator to monitor the phone usage and billing as far as call charges are concerned
- Call Billing application supports multi-type bills format like mdb, txt, xls etc.
- Flash Memory with 2 million call charge data records
- Secure Management (only authorized user can access the Call Billing Software)

PC-based Operator Console

- One key dialing
- Multi-incoming call info display
- Selective answering of calls
- Call queuing
- Supervised / Blind transfer
- Busy Lamp Field
- Override
- Directory services

Hotel Features

HP-256 IP offers following Hotel-specific features:

- Check-in / Check-out
- Wake Up Call Service
- Room-to-Room Call Barring
- Integrated call billing
- Do Not Disturb (DND)
- Display guest name at operator console

Phone Mate Service (Parallel Ringing)

Each extension can have one external number (Mobile number) as it's mate. Ring signal will be sent simultaneously to both devices. Any one of them can answer the call, and other one would stop ringing immediately.

System Management

System Management is supported via LAN/Serial Port via USO Software.

Note:

USO software is delivered free of charge with every HP-256 IP system.

Flexible Numbering

HP-256 IP supports Flexible Numbering, the extensions can be 1-8 digits.

Call Consultation Toggle

HP-256 IP supports Call Consultation where a user can put the existing call on HOLD and can accept the waiting call. It is also possible to toggle between two calls.

Flexible Feature Codes

HP-256 IP supports Flexible Codes for features like Call Back, Call Pick-up, Conference, DND, Override, Trunk Access etc.

Call Back

The Call Back feature sends your phone a priority ring, indicating the previously busy or unanswered extension you dialed, is now available.

Call Pickup (Group)

The Call Pickup feature lets you answer a call at your telephone for another extension in your Call Pickup Group.

Call Pickup (Directed)

Directed Call Pickup, lets you pick up a call for a specific extension even if that extension is not part of your Pickup group.

Caller Line Identification (CLI)

HP-256 IP supports CLI on Analogue & IP Extensions for internal as well as external trunks. HP-256 IP supports FSK / DTMF format.

Call Forwarding

HP-256 IP supports the following scenarios for Call Forwarding.

- Call Forward - Unconditional
- Call Forward – On Busy
- Call Forward – On No Answer

Group Ringing

System supports group ringing for external incoming calls. The incoming trunk can be configured to ring at maximum 56 extensions simultaneously. Anyone of the extensions of group answers the call, other extensions would stop ringing. Likewise 16, groups can be formed.

Call Hunting

In the case of a hunt group, an incoming call is signaled at one of the group members. If this member does not answer the call, the call is assigned to next member. All members of the hunt group can be reached via same phone number.

HP-256 IP supports Linear as well as Circular Call Hunting. System supports 31 Hunt Groups, each having maximum 56 extensions.

Hot-Line

System supports Hot-Line feature. The following type of hotlines are supported:

- Immediate Hotline
- Delayed Hotline (Individual delay from 1 to 6 seconds)

Call Waiting

When there is an incoming call to an extension already busy with a previous call, Call Waiting functionality will indicate the caller's number visually on the display of Analog / IP phone. It can also be signaled acoustically by a short call waiting tone on IP as well as on Analog phones.

Phone Locking

HP-256 IP supports dynamic phone locking feature. This will enable an extension (Analog/IP) to lock his phone preventing from any misuse.

Individual Speed Dial

Individual Speed Dialing enables every subscriber to store 16 external numbers as individual speed-dial numbers in addition to the system speed-dial numbers.

Automatic Day-Night Service

HP-256 IP supports Automatic Day/Night service. This feature enables day-night settings to be activated at pre-defined time intervals. Features like incoming call handling & class of service would also be switched accordingly.

DID/DOD

Users can make an outgoing call as well as can receive direct incoming call on their extensions without any operator assistance.

System Speed Dial

HP-256 IP supports system speed-dial. The frequently dialed numbers can be stored centrally in the system speed-dial list. Every number is then represented by a speed-dial number which is used instead of the full phone number.

Timed Reminder

Any user can dynamically set a timed reminder from his phone using predefined codes.

Direct Inward Dialing

External callers can directly dial the DID (Direct Inward Dialing) number to reach the desired extension. This is supported on ISDN PRI lines.

Room-to-Room Call Barring

HP-256 IP system supports Room-to-Room Call Barring as one of the important features of Hotel Applications. Call Barring allows you to bar calling between hotel room extensions.

Call Transfer

System supports internal & external call transfer. HP-256 IP supports Blind and Supervised Call Transfer. CLIP is also transferred to the destination party.

- Blind Transfer involves transferring a call without consulting the recipient. It is also known as unsupervised transfer or cold transfer.
- Supervised Transfer involves consultation before transferring the call.

Voice Guidance

User features are promptly acknowledged with easy to understand voice messages.

Do Not Disturb (DND)

Do Not Disturb (DND) can be set where user does not wish to receive any incoming calls. Caller would hear busy tone.

Different Ring Tones

Internal & external incoming calls can be differentiated with different ring tones.

Private Trunk Line

System can reserve a particular Trunk Line only for specific group of users. Other users do not get access to this Trunk Line.

Incoming Only Trunk

System can assign one of the Trunk Lines as incoming only which will restrict any outgoing calls from that particular Trunk Line.

Direct Outward Dialing

A user can dial out to an external number without any operator assistance.

Protection

System supports over voltage / over current protection, lightening protection for Trunk as well as Subscriber Ports.

Calling Time Restriction

System can restrict the call duration. System can restrict a call whenever an extension is having a long duration call with internal or external numbers.

Trunk/ Extension Status Indication

- All Extension and Trunk Cards provide status indication for all ports.

Override

Override feature enables an extension to override any ongoing calls.

PMS (Fidelio / IDS / Amadeus) Integration

Features supported :

- Check in / Check out
- Billing & Front Office
- Wake-up Service
- DND
- Mini Bar

Automatic Trunk Line Checking

System will automatically isolate the faulty trunks. System will put the trunk circuit in off state when it finds any Trunk Line without voltage feed for more than 8 seconds. This avoids selection of faulty trunk by users while dialing.

Music on Hold (MoH)

HP-256 IP supports Music on Hold. "Music on Hold" file can be changed as per customer's need.

HP-256 IP Technical Specifications

HP-256 IP System	
Total peripheral slots in the system	2 Slots
Analog Subscriber Card (SLA8)	8 ports per module
Analog Trunk Card (TLA8)	8 ports per module
IP Subscriber Card (IPS) - Inbuilt	256 IP Ports
IP Trunk Card (IPT) - Inskin	54 Channels / 128 Channels
ISDN PRI Card (PRI)	2 Port / Card (60 Channels)
Max. number of Analog subscribers that can be connected	32
Max. number of IP subscribers that can be connected	256
Max. number of Analog Trunks that can be connected	16
Max. number of IP Trunks that can be connected	128
Max. number of ISDN PRI Trunks that can be connected	120 Channels

Interface Type	
Analog extension interface	a/b line -48V DC
Analog Trunk interface	Loop Trunk, incoming ringing current, outgoing dual tone signal
ISDN PRI Trunk interface	ITU-T G.703, Euro-ISDN

Telephone Requirement	
3rd party SIP Phones	Standard of the shelf SIP Phones
Phones	Normal Analog Phone with a/b interface

Power Supply	
Input voltage AC / DC	230 V AC +/- 10% / - 24 V DC
Frequency	50 Hz
Power Consumption	70 W
External Battery Backup	- 24 V DC

Environmental Requirements	
Cabinet size	440mm x 393mm x 44mm 19" Rack Mount (1U)
Temperature	0 to +45 Degree Celsius
Relative Humidity	10% to 90% Relative

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