

G-600



G-600 T1/E1 PRI

The G-600 T1/E1 IP PBX is the ideal solution for medium enterprises that can accommodate up to 250 users. It enables a powerful suite of communication applications to launch enterprise communication into the next era and that completely replaces legacy proprietary phone systems, supports standard SIP soft/hard phones from any vendor, VoIP service providers and integrates the telephony network interface.

The base of the G-600 is a feature rich IP PBX business phone system that will increase the productivity of employees, reduce the support time and operate at a much lower cost than traditional phone systems. To increase productivity, the system will transparently allow users to receive calls while they are in the office, on the road or working from home. The G-600 IP PBX is a standalone solution that can be installed on any network quickly and easily. For IT staff, the system supports an easy to use web interface that supports wizard based setups.

- Two or Four T1/E1 PRI ports
- Two analog phone lines (2 FXO)
- Two analog extensions (2 FXS) for phone or fax
- Four Ethernet ports (3 LAN, 1 WAN)
- SATA drive interface
- Hardware echo cancellation
- Voicemail to email conversion
- Integrated conference rooms
- Installs simply and quickly
- Supports VoIP out of the box; no upgrades required



Features

Phone Provisioning

- Automatic phone provisioning using:
 - DHCP
 - SIP SUBSCRIBE option (Yealink, Snom)
 - Multicast DNS option (Aastra)
- Manual phone provisioning option
- Interoperability tested with Yealink, Snom, Aastra, Polycom and Cisco SPA brands
- Expansion module provisioning (Yealink, Snom, Aastra)
- Custom phone templates

User Provisioning

- User bulk provisioning option
- User template assignment
- Mobile phone dispatch option
- Courtesy phone extension
- Forward external number only (secretary call screening)

Audio Conferencing

- Meet-me style room
- Flexible management of number of conferences
- Participant code access
- Moderator lock
- Music-on-hold per conference
- Voice activity detection

Caller ID

- Caller ID for outgoing calls on SIP lines
- Caller ID for internal calls and remote offices
- Caller ID blocking
- Caller ID on call waiting
- Caller ID prefix and suffix
- Caller ID per user, per area code, global

Call Queues

- Agent log in
- Skill-based routing
- Priority queuing
- In queue music or messaging
- Remote queue membership
- Queue announcements
- Queue visualization
- Caller breakout options

Intercom and Paging

- Zone paging
- Desktop paging
- Extension paging
- Overhead paging

G-600 Features

Features (con't)

Calling Features

- Call park
- Call hold
- Park and page
- Ring groups (ring all, in sequence, audio-out)
- Playback option per ring group
- Follow me with caller announcement option
- Dial by name directory
- Phone number alias
- Group call pickup
- Directed call pickup
- Spy call monitoring
- Direct inward dialing
- Call routing per schedule
- Call routing per IVR selection
- Call routing per caller ID
- Call forward all
- Attended transfer
- Blind transfer
- Busy Lamp Field
- On-demand call recording – 30 concurrent calls
- Strict call accounting
- Flexible outgoing call routes
- Failover outgoing call routes
- Flexible incoming call routes
- Remote users
- Inter-branch calling
- Point-to-point video calling
- Incoming URI calling
- Audio-in extension
- Routing to user voice mailbox
- Corporate call back (DISA)
- 15 concurrent call channels

Voicemail

- Deposited on on-board hard disk
- Custom voicemail greetings
- Voicemail-to-email
- Voicemail forwarding
- Folders per mailbox
- Voicemail management from user portal
- Caller breakout from voicemail options

Automated Attendant

- Unlimited steps
- Cascaded IVRs
- On-demand time frames
- Time-day-date service
- Voice prompts
- Music on hold (GSM files, audio-in)
- User authentication
- Custom sound manager (GSM)

System Features

System Management

- Web-based (http) administrator interface
- Remote management capability
- Web-based user portal
- Operator console for call handling
- Backup and restore configuration
- Network packet traceability (PCAP)
- PBX and network diagnostics
- Call recording management
- Call detail records management

Trunk Types

- T1/E1 PRI
- SIP
- Analog
- Music-on-hold per trunk

Hardware Specifications

- 2 or 4 T1/E1 PRI
- 2 FXO RJ-11
- 2 FXS RJ-11
- 4 Gigabit Ethernet RJ-45
- Standard audio input mono jack 1/8
- Standard audio output mono jack 1/8
- Hardware based G.168 echo cancellation chip
- Redundant power source
- Rack mountable
- Real-time clock with independent power source
- Per-country tone indications

LAN Interfaces

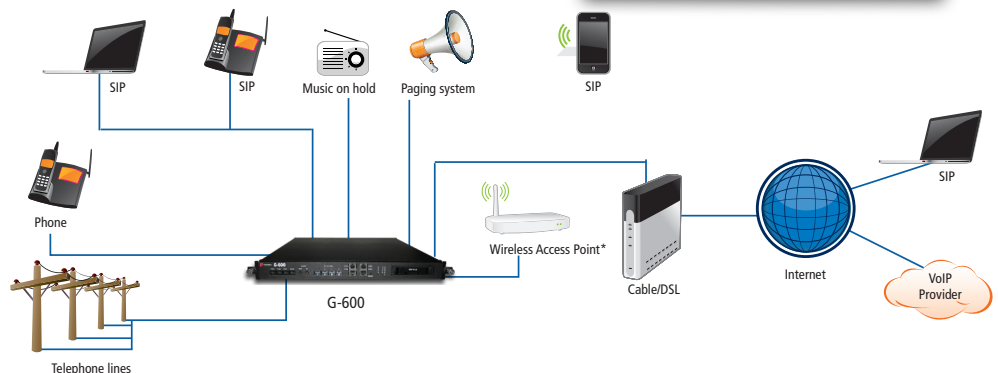
- 1 WAN Ethernet Port
- 3 LAN Ethernet Ports

Codecs

- G.711 u-law & a-law; G.729 A; H.264

Network Services

- DHCP client and server
- NTP client and server
- TFTP server
- LAN and WAN monitoring



Security

- Blacklist per IP range
- SIP intrusion detection with automatic blocking
- Embedded firewall
- Access control list for SIP registration
- TLS/SRTP for signaling and media

SIP Interface

- Version 2.0
- SIP TLS
- P-asserted identity header
- Support for a range of source IP on a single trunk
- VoIP provider templates
- NAT traversal for remote extensions
- DTMF modes: RFC2833, SIP info, inband, auto

Storage

- Removable SATA drive hard disk

Dimensions

- Width: 19 inches (48.3 cm)
- Depth: 20 inches (50.83 cm)
- Height: 1.75 inches (4.4 cm)

Environmental

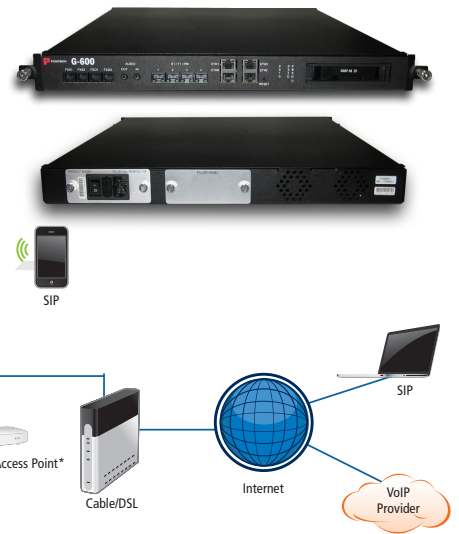
- Operating temperature: 32 to 104°F (0 to 40°C)
- Storage temperature: -4 to 185°F (-20 to 85°C)
- Humidity: 10% - 80% non-condensing

Warranty

- 1 year

Ordering Information

- Product code: 70-00065



Doc#: G-600 DS-1212

