

PBX-GS-6302

IP Private Branch Exchange (PBX) Phone System



The **PBX-GS-6302 IP PBX Phone System** is designed to accommodate Talkaphone's VOIP-200, VOIP-220, VOIP-500, and VOIP-600 Series IP Call Stations.

Versatile and robust, this full-featured PBX system provides a complete head-end solution.

FEATURES

- Use Voice over IP to communicate over LAN/WAN
- Supports up to 1,000 registered SIP endpoints (i.e. IP Call Stations and attendant desk phones)
- Supports up to 150 concurrent unencrypted phone calls (G.711)
- Supports up to 100 concurrent SRTP encrypted phone calls (G.711)
- Two (2) built-in analog PSTN line ports (FXO) for up to two (2) concurrent off-site calls
- Capable of connecting to a SIP trunk provider for routing calls off-site
- NAT router mode and switch mode
- Three (3) self-adaptive Gigabit network ports (switched, routed, or dual mode) with PoE+
- Supports up to a 5-level IVR (Interactive Voice Response)
- Built-in call recording server; recordings accessed via web user interface
- Supports call queue for efficient call volume management PBX
- Strong security protection using SRTP, TLS, and HTTPS encryption
- Based on Asterisk 16 (LTS)

SPECIFICATIONS

PSTN Line FXO Ports	Two (2) RJ11 ports
Network Interfaces	Three (3) self-adaptive Gigabit RJ45 ports (switched, routed, or dual mode) with PoE+
NAT Router	Yes, supports router mode and switch mode
Voice and Fax Codecs	Opus, G.711 A-law/U-law, G.722, G722.1, G722.1C, G.723.1 5.3K/6.3K, G.726-32, G.729A/B, iLBC, GSM; T.38
QoS	Layer 2 QoS (802.1Q, 802.1p) and Layer 3 QoS (ToS, DiffServ, MPLS)
DTMF Methods	In-band audio, RFC2833, and SIP INFO
Network Protocols	SIP, TCP/UDP/IP, RTP/RTCP, IAX, ICMP, ARP, DNS, DDNS, DHCP, NTP, TFTP, SSH, HTTP/HTTPS, PPPoE, STUN, SRTP, TLS, LDAP, HDLC, HDLC-ETH, PPP, IPv6, OpenVPN®
Disconnect Methods	Busy/Congestion/Howl Tone, Polarity Reversal, Hook Flash Timing, Loop Current Disconnect
Media Encryption	SRTP, TLS, HTTPS, SSH, 802.1X, ZRTP
Universal Power Supply	Input: 100 ~ 240VAC, 50/60Hz; Output: 12VDC, 1.5A
Dimensions	10.6 x 6.9 x 1.4 in. (270 x 175 x 36 mm)
Weight	Unit weight 1.6 lbs. (0.725 kg), Packaged weight 2.7 lbs. (1.221 kg)
Environmental	Operating Temperature: 32-113°F / 0-45°C Operating Humidity: 10-90% (non-condensing) Storage Temperature: 14-140°F / -10-60°C Storage Humidity: 10-90% (non-condensing)
Mounting	Wall mount or desktop
Caller ID	Bellcore/Telcordia, ETSI-FSK, ETSI-DTMF, SIN 227 – BT, NTT
Polarity Reversal/Wink	Yes, with enable/disable option upon call establishment and termination
Call Center	Multiple configurable call queues, automatic call distribution (ACD) based on agent skills/availability/busy level, in-queue announcement
Customizable Auto Attendant	Up to 5 layers of IVR (Interactive Voice Response)
Maximum Call Capacity	Registered SIP Endpoints: Up to 1,000 Concurrent SIP Calls: Up to 150 (unencrypted, G.711) Up to 100 (SRTP, G.711)
Call Features	Call park, call forward, call transfer, call waiting, caller ID, call record, call history, call routes, DID, DND, DISA, ring/hunt group, call queue, speed dial, blacklist/whitelist
Compliance	FCC: Part 15 (CFR 47) Class B, Part 68 CE: EN 55032, EN 55035, EN 61000-3-2, EN 61000-3-3, EN 62368-1, ETSI ES 203 021, ITU-T K.21 IC: ICES-003, CS-03 Part I Issue 9 RCM: AS/NZS CISPR 32, AS/NZS 62368.1, AS/CA S002, AS/CA S003.1/-2 Power Adapter: UL 60950-1 or UL 62368-1
Warranty	2-year limited warranty

* All specifications are subject to change without notice.



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For the latest terms and conditions and limited warranty information, please visit: <https://www.talkaphone.com/terms-of-use-and-limited-warranty>

All prices and specifications are subject to change without notice.