DATASHEET

2220012451

PBX-6304

IP PBX for up to 2000 users



- Four PSTN Trunk FX0 ports. Four analog FXS ports
- Three Gigabit network ports with PoE+; Integrated NAT router
- Zero configuration provisioning
- SRTP, TLS, HTTPS, SSH and 802.1X encryption
- Multiple codec support
- Voicemail and fax forwarding to email
- Multiple configurable call queues, automatic call distribution (ACD)

Description

The PBX6304 creates an easily manageable on premise anchor to your communications network, and it is designed to bring leading edge voice, video, data, and mobility features to enterprises, small and medium businesses, retail and residential environments in an easy-to-manage fashion. This enterprise-grade IP PBX comes equipped with a suite of advanced call handling and network data features, all with no licensing and no fees. Its scalability offers deployments that can support up to 2000 users.

The PBX6304 allows businesses to unify multiple communication technologies, such as voice, video, surveillance, data tools, and facilities access management into one common platform that can be managed and accessed remotely. With features such as customizable call-routing, multi-level IVRs, call queues, auto-attendant, call detail records, multi-site peering, SIP video support, voicemail/fax forwarding to email and more, the PBX6304 delivers complete unified communications.

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Specifications

GENERAL

Power Supply	Input: 100 ~ 240VAC, 50/60Hz; Output: 12VDC, 2A
Weight	2,490 kg
Dimensions	485mm(L) x 187,2mm(W) x 46,2mm(H)
Environmental	Operating: 32 - 113ºF / 0 ~ 45ºC, Humidity 10 - 90% (non-condensing); Storage: 14 - 140ºF / -10 ~ 60ºC, Humidity 10 - 90% (non-condensing)
Mounting	Rack mount & Desktop
Analog Telephone FXS Ports	4 RJ11 ports (both with lifeline capability in case of power outage)
PSTN Line FXO Ports	4 RJ11 ports (both with lifeline capability in case of power outage)
Network Interfaces	3 Gigabit ports (switched or routed) with PoE+
NAT Router	Yes (user configurable)
Peripheral Ports	3 x USB 3.0, SD
LED Indicators	Power 1/2, FXS, FXO, LAN, WAN, Heartbeat
LCD Display	128x32 dot matrix graphic LCD with DOWN and OK buttons
Reset Switch	Yes, long press for factory reset and short press for reboot
Voice-over-Packet Capabilities	LEC with NLP Packetized Voice Protocol Unit, 128ms-tail-length carrier grade Line Echo Cancellation, Dynamic Jitter Buffer, Modem detection & auto-switch to G.711, NetEQ, FEC 2.0, jitter resilience up

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	to 50% audio packet loss
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
Video Codecs	H.264, H.263, H263+, VP8
QoS	Layer 2 QoS (802.1Q, 802.1p) and Layer 3 (ToS, DiffServ, MPLS) QoS
DTMF Methods	In-band audio, RFC2833, and SIP INFO
Provisioning Protocol & Plug-and-Play	Mass provisioning using AES encrypted XML configuration file, auto-discovery & auto-provisioning of Grandstream IP endpoints via ZeroConfig (DHCP Option 66 multicast SIP SUBSCRIBE mDNS), eventlist between local and remote trunk
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, Frame Relay (pending), IPv6, OpenVPN®
Disconnect Methods	Busy/Congestion/Howl Tone, Polarity Reversal, Hook Flash Timing, Loop Current Disconnect
Media Encryption	SRTP, TLS, HTTPS, SSH, 802.1X
Multi-Language Support	-Web UI: English, Simplified Chinese, Traditional Chinese, Spanish, French, Portuguese, German, Russian, Italian, Polish, Czech, Turkish - Customizable IVR/voice prompts: English, Chinese, British English, German, Spanish, Greek, French

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	Spanish, Greek, French, Italian, Dutch, Polish, Portuguese, Russian, Swedish, Turkish, Hebrew, Arabic, Nederlands - Customizable language pack to support any other languages

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