XonTel SMB

Overview

The XonTel SMB IPPBX comes with an asterisk-based system, the IPPBX software, offering not only full PBX functionality, but also a new feature that enables new stability for your unified communication systems.

It can seamlessly integrate VoIP trunks and your existing PSTN lines with 4 FXO ports and 1 FXS port analog connections and 2 Ethernet ports. They are developed with a wide selection of codecs and signaling proto- cols, including G711 (alaw/ulaw), G722, OPUS, AMR-NB/WB, SILK, G723.1 G726, G729, GSM, ADPCM, ILBC, H263, H263P, H264, VP8. Taking full advantages of open source platform, the XonTel SMB appliances support industry standard SIP trunks, IAX2 trunks, analog PSTN trunks, and analog station trunks.

Incredible Performance and Features

With Quad Core processors, the XonTel SMB IPPBX can easily handle 300 concurrent calls and 300 extensions (expandable up to 800 extension) registers in such a tiny box.

With a unique modular design, the SMB will install into the most demanding of environments. You can also take advantage of advanced enterprise grade features with the fullest and most complete software versions.

To bring you clear, high fidelity and high definition audio/video calls, XonTel SMB is built in with abundant HD voice codecs such as OPUS, AMR-NB/WB, G.722, SILK and VP8.

Safety and Reliability

With advanced failover, security, monitoring and reporting capabilities as standard, combined with an internal firewall and with support for TLS, ZRTP and SRTP encryption, there has never been such a robust system.

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XonTel

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Features

- Support SIP & IAX2
- HD Video Calls
- Echo Canceller
- Extension User Privileges
- Event Notification
- Support Backup/Restore
- Remote Management
- Hot Standby
- Support Fail2ban
- Secure SIP calling (TLS, SRTP and ZRTP encryption)
- Follow-Me/Ring Group/Queue
- Quickly Auto Provision IP Phones
- Flexible Inbound/Outbound Route
- Blacklist
- AutoCLIP
- Time Condition
- PIN List
- Automated Attendant (IVR)

- Phonebook
- LDAP Service
- DISA (Direct Inward System Access)
- Conference
- Call Back
- Speed Dial
- Call Recording
- Music on Hold
- Support Multiple VPN protocols: OpenVPN, L2TP, N2N, SSTP
- Support Open API Protocol (based on Asterisk)
- Click2call
- Support WebRTC
- AI TTS
- SIP Instant Messaging
- Call Detail Records (CDR)
- Billing Report
- Voicemail
- Missed Calls Notification
- Email Server
- Antispam support
- Support Mail Relay
- Fax to Email

XonTel SMB	
Extensions	300 (expandable up to 800)
Max Concurrent Calls	300 concurrent calls
Voicemail	Unlimited
FXS Ports	1
FXO Ports	4
Protocol	SIP (RFC3261), IAX2
Transport Protocol	UDP, TCP, TLS
Encryption Protocol	SRTP, ZRTP
Codec	G711 a/µ law, G722, OPUS, AMR-NB/WB, SILK, G723.1 G726, G729, GSM, ADPCM, iLBC, H263, H263P, H264, VP8
DTMF	In-band, RFC2833, SIP INFO
LAN	1 × 10/100Mbps
WAN	1 × 10/100Mbps
IP Services	Static IP, DHCP, VPN, Firewall, PPPoE, Bridge
Recording	86,000 mins (.gsm); 9,500 mins (.wav)
Firewall	Yes
T.38 Fax	Yes
External Storage	SD Card, up to 128GB
USB	1
MIC Interface	1
SPK Interface	1
Power Supply	100-240V AC
Operating Temperature	0°C to 50 °C
Power Consumption	2.1-18.5 W
Storage Temperature	-20 °C ~ 65 °C
Dimension (Without handle)	440mm*251mm*44mm
Weight	216g
Warranty	5 Years