

PBX Datasheet

W manuals.wildix.com/pbx-datasheet/

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Protocols and technologies

Support of ISDN and analog lines (FXO, BRI, PRI)
SIP protocol management
Support of analog devices (FXS)

Support of SIP devices
GSM media gateway (1-sim)
Support of VoIP and PSTN operators

Audio codecs: G.711a, G.711u, G.729A/B, G.722
IP DECT System W-AIR
WebRTC support
Fax T.38 support

Call and contacts management

Audio, Video call
Caller name visualization; CLI generation
CLIP recognition on analog line
DTMF tones
Blind/attended transfer; return from transfer
Busy/unavailable/force call forwarding
DDI, DISA service
Call completion; Callback; Mobility; Call waiting
Call pickup; call recording
Ringtones selection

Director/secretary
Graphical IVR; Audio file management
Timetables and switches
Local and shared phonebooks
Import of contacts and users from MSSQL, MySQL, LDAP, Google, Exchange Server, Outlook, CSV, Active Directory
Advanced CDR; Call stats; Call center functionality
SLA management
Call groups strategies, Call queues management;

Unlimited Voicemail
Dynamic LCR (least call routing)
Call block
ACL groups
Active call switching from one device to another one
Conference
Speed Dial (users / phonebook contacts)
Emergency numbers
Music on hold

Admin tools / system management and security

Web-based administration interface WMS (Windows, Linux, Mac OS X)
Integrated Failover /redundancy/ Load share
LDAP Server; NTP Server; DHCP Server; SNMP Server
Manual / Scheduled Backup
Download and restore of configuration
TLS/SRTP security; SIP Trunks over TCP
Intelligent Bandwidth Management
Integrated SMTP client
Anti SIP-ALG technology

Multi user; Multisite (WMS Network of PBXs)
Auto configuration of Wildix devices (autoprovisioning);
phones configuration via HTTP/TFTP
Advanced Dialplan; Separate Dialplan for each PBX
in the Network (WMS Network)
Sync of users, groups and ACLs over the WMS Network
System upgrades
Local and remote Survivability
Diagnosis and debug tools; trace generation
DoS attacks blocking

Serial port password
Storage on USB (Voicemail), Cifs/Windows Share/Samba
Fax / SMS server; Fax2Mail, Fax2SMS services
STUN / NAT / Firewall traversal (RFC 3489)
System notifications to email with attachments
Startup diagnosis; Network link status diagnosis
LED: LAN, WAN, POWER
LAN and WAN access; SSH console
ACL for system administrators
Hardware appliance / Virtual / Cloud PBX

Call signalling

SIP, in-band info and rfc2833 RTP Proxy Fax over IP (ITU_T: T4, T30, T38, V17, V21, V27 ter, V29)

UC & Collaboration; Integrations and CEBP

WebRTC audio and video conference for PBX and external users
Instant Messaging
File Transfer
Desktop sharing and Remote control

CTI component accessible via browser (Collaboration)
Access to local and remote phonebooks
Attendant console
Windows TAPI Integration

Google single sign on APP for iOS and Android
Presence status sync on all devices
Integration with web apps (CRM, ERP, Fias/Fidelio)
Support of URI for click to call

Interfaces

4 x Rj45 Ethernet ports 10/100/1000 Base T 2 USB 2.0 1 x Console interface RS-232 19200 bits/s

Environmental conditions and physical dimension

(5°C – 40°C) operating; (5°C – 60°C) storage

5% – 90% Relative humidity, non-condensing

430 x 250 x 46,2 mm, 1U; weight: 3,2 kg

Power supply and consumption

Internal power adapter 220V

Consumption: Idle 10W; Full power 25W

Safety regulations: UL 60950; CSA 22; Certificates CE and RoHS

System dimension

from 8 to 5 000 users registered to one system

from 4 to 600 concurrent calls

<http://www.wildix.com/unified-communications-voip-pbx/>
