

OM IPPBX Products

Specifications

Protocol

Call control	SIP/UDP, SIP/TCP, IMS
Network	Telnet, SSH*, HTTP, HTTPS*, DHCP/PPPoE client, DNS(A/SRV record), STUN

Media processing

Caller ID	Bellcore Type 1&2, ETSI, BT, NTT, and DTMF-based CID
Codec	G.711(a/μ), G.729A
Fax over IP	Auto-switch to T.38 from G.711 Fax pass-through, Fax data pump V.17/V.21*/V.27ter/V.29/V.34* for T.38 compliant Group 3 Fax Relay up to 9.6 kbps (OM80/OM200)/33.6 kbps(OM20/OM50). Support Smart Fax over IP (SFoIP) to make fax event more reliable.

DTMF	RFC2833, SIP-INFO, Transparency
Disconnect modes	Polarity reversal, Busy tone detection, Loop current
Voice-quality enhancement	Echo cancellation (G.168-2004, 64 ms tail length), Adaptive jitter buffer

Voice

Automated attendant/Receptionist	Automated attendant, Centrex IVR, Business/non-business hours, Music on Hold, Attendant group
Dialing	Speed dial, Outgoing route selection, Least cost routing, Automatic route selection
Call settings	Call transfer, Call forward, Do not disturb, Barge, Silent monitoring, Caller ID etc.
Call recording/Voicemail	Call recording (total, on demand), Voicemail indicator
Analog trunk	Caller ID, Polarity reversal detection
SIP trunk	IMS, Multiple SIP servers, Skype Connect
Phone status indication	Status subscription(BLF)

Security

User-defined ports	SIP port, RTP port, HTTP port to access the Web GUI
Whitelist	Whitelist of Web GUI and Telnet, IP address filtering of SIP
IP phone protection	Prohibition on outgoing dialing by IP extensions on public network, User-Agent authentication, Registration password cracking protection
Web GUI login protection	Prohibition on login from public IP address, Login password cracking protection
Security level	Three levels of security settings
Intrusion prevention	Ping blocking/unblocking

Provisioning, administration and maintenance

Device management	TR069, SNMP	Application interface	API (XML/HTTP)
Auto provision	Configuration file downloading via TFTP/FTP/HTTP, Obtaining ACS address via DHCP option 66		
Phone management	Plug-and-play for IP phones*, Configuration-free installation of softphone		
Logging	Log management	Data capture	Port capture, Packet capture
Configuration	Bulk import/export. Resetting to the factory default		
Status monitoring/alarming	Status/performance monitoring or reporting. Status/performance alarms		

Other

Multi-site voice	Uniform dial plan, Call forward, Call transfer. Outbound trunk sharing, Three-way calling, Attendant on remote site		
802.IP QoS/CoS	IP TOS/TSCP		
Media available for storage in internal USB flash drive *	Local recording, Voicemail, Customer information, User-uploaded IVR file		

Hardware specification

CPU	266-700 MHz	RAM	64-128 MB
FLASH	16 MB	Internal USB flash drive*	16 GB
Lightning impulse withstand voltage	3.5kv		

Models

Models	FXS	FXO
OM20-2S/2	2	2
OM20-4S	4	0
OM20-4FXO	0	4
OM50-8S	8	0
OM50-12S	12	0
OM50-8FXO	0	8
OM50-12FXO	0	12
OM50-6S/2	6	2
OM50-10S/2	10	2
OM50-4S/4	4	4
OM50-8S/4	8	4
OM80-16S	16	0
OM80-20S/4	20	4
OM80-24S/8	24	8
OM80-32S	32	0
OM80-32S/16	32	16
OM80-40S/8	40	8
OM80-48S	48	0
OM200-72S/24	72	24
OM200-80S/16	80	16
OM200-88S/8	88	8
OM200-96S	96	0

Note: Optional interface cards are available for OM20/OM50 only.

Add-on Applications:

- Neehau business phone assistant
- Wewei softphone App
- Zibosoft telephone billing system
- Recording agent
- Telegreeting

Note : The items marked with asterisk are supported by OM20/OM50 only.