



OM50

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Max. IP extensions	50
Max. analog extensions	12
Max. IP trunks	62
Max. analog trunks	12
Max. concurrent calls	30
H×W×D	1.61 × 11.26 × 6.34 in. 41×286×161 mm
Model	10S/2, 12S, 8S/4

Features

- Flexible auto attendant
- Click-to-call on contact list
- All-in-one system with analog-gateway modules, FoIP, recording, and voicemail
- Multilingual voice prompts
- Multi-site application via IP tie trunks
- Multi-tenant applications
- Failover to PSTN upon network failure
- Plug-and-play for IP phones
- XML/HTTP-based REST API supporting third-party application software
- Proven interoperability with popular SIP servers, such as Cisco CallManager, Broadsoft, Microsoft Lync, Huawei IMS and Asterisk
- Class I lightning protection

The Officium 50 (hereafter “OM50”) is an All-in-One telephony system. It provides seamless connectivity to not only PSTN and analog terminals, but also IP-based SIP trunks and SIP terminals. Using VoIP, the OM50 supports inter-office calls over the Internet or VPN. As enhanced models, OM50 also has some unique features such as Smart FoIP®.

Always Connected with Your Customers

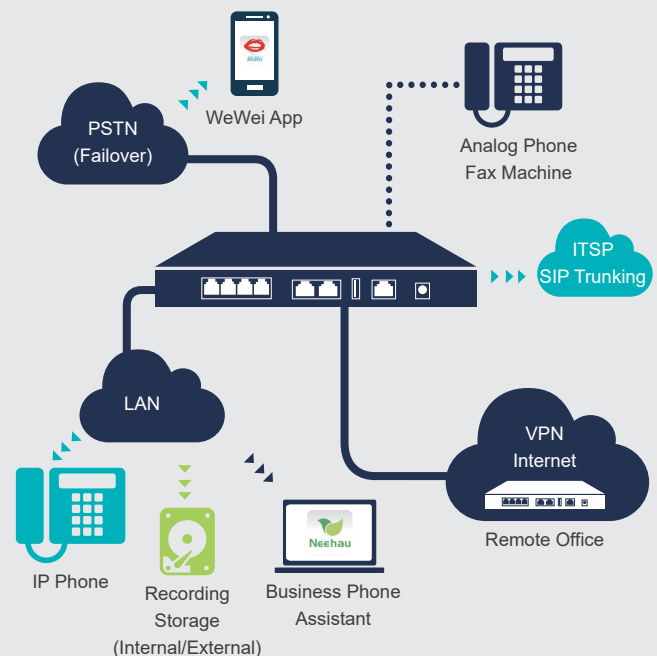
With features such as remote extension, call forking to your mobile phone and call-back, OM50 assures you that no matter where you are, whether in your office, traveling abroad, or working at home, you will never miss any important business call.

Improving Call Answer Rate

The smart auto attendant can provide 24/7 live answering service to customers, and direct the incoming calls efficiently to the extension or cell phone of the right person through configurable voice menus in business/non-business hours and holidays. Even, it can deliver the calls from VIP customers to the agents directly, bypassing voice menus.

Reduction of Telecommunications Cost

OM50 has all the IP remote-calling functions needed to support the remote worker, business travel, and communication with branches through the Internet. With IP connectivity, international or long-distance calls are turned into local toll-free calls. With advanced routing capabilities, OM50 can route calls intelligently according to call types. Combined with New Rock’s WeWei™ softphone App and NeeHau business-phone assistant, you can achieve more effective and comfortable communications between you and your customers.



Specification

Protocol

Call control SIP/UDP and SIP/TCP (RFC3261), IMS (3GPP), MGCP (RFC3435)

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 33.6 kbps. 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

Smart auto attendant/Receptionist Business/non-business hours/holidays, Music on hold, Attendant group, Multilingual/multi-level IVR, Auto attendant profiles, VIP service

Dialing Speed dial, Outgoing route selection, Least cost routing, Automatic route selection

Call settings Call transfer, Call forward, Do not disturb, Barge, Silent monitoring, Simplified DISA etc.

DISA Authorization with calling party number, Authorization triggered by feature access code

Call recording Call recording (total, on demand), Recording priority/retention priority upon insufficient storage

Voicemail MWI (polarity reversed/FSK/high voltage)

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/HTTPS port to access the Web GUI

Access list IP addresses allowed to access HTTP/HTTPS/Telnet/SSH service

Encryption Encrypted password/PIN

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

Provisioning, administration and maintenance

Device management TR069, SNMP

Application interface API (XML/HTTP)

Auto provisioning Download configuration file via TFTP/FTP/HTTP/HTTPS, Obtaining ACS address via DHCP option 66 or redirection

Phone management Plug-and-play for IP phones, Configuration-free installation of softphone

Local log storage Internal USB flash drive

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 stored in internal USB flash drive Local recording, Voicemail, Customer information, User-uploaded IVR file

Hardware

Spec.	OM50
CPU	700 MHz
RAM	128 MB
FLASH	16 MB
Internal USB flash drive	16 GB
Weight (net)	2.65 lb (1.2 kg)
DC power input voltage	12 VDC/1.5A
Mounting	Desktop/Rack
Operating	Temperature: 32 to 104°F (0 to 40°C), Humidity: 10 to 90% RH (non-condensing)
Storage	Temperature: -40 to 158°F (-40 to 70°C), Humidity: 5 to 90% RH (non-condensing)