

Desktop Unified Office Gateway



The PLANET UMG-1000 is a desktop total IT solution for the small and medium business (SMB). It integrates commonly used office appliance features and provides Internet access, telephone, fax, data, and print services in one device. Via the built in 4-Port FXO, the UMG-1000 allows SMBs to connect to various Internet and telephone carriers easily.

Branch-to-Branch secured network and call features of the UMG-1000 bring your remote offices together. The UMG-1000 facilitates sharing files safely among

multiple office locations through secure channels. For VoIP operations, the users can call any extension from any remote location without paying local or long distance call charge. In the storage feature, the storage volumes in the UMG-1000 can be created for individual users and groups within the corporate. The UMG-1000 is also as the Web and E-mail servers that are able to be set up with one mouse click. It furthermore provides schedule automated snapshot and backup tasks to prevent data loss.

The UMG-1000 enables the administrator to easily complete the initial setup via the Smart Wizard and to efficiently manage user accounts with privilege and access control. Besides the above functions, the extensive features provided by the UMG-1000 include DMZ support, VoIP call control, Call Detail Record (CDR), Least Cost Routing (LCR), Busy Lamp Field (BLF), Bridged Line Appearance (BLA), configuration backup and restore, secure remote management capabilities and many more.

KEY FEATURES

IP PBX / VOIP SERVICE

- SIP 2.0 (RFC3261)
- PSTN Support
- Call-Parking, Echo Cancellation
- FXO Disconnection Tone Detection
- QoS Support
- Music on Hold
- Telephone Conference, 3-Way Calling
- Voicemail to E-mail
- Forwards to Voicemail on No-Answer
- Supports Call Hold, Call Waiting
- Blacklist of Number Patterns
- Call Privilege Control, Call Log
- 450 Minutes Recording Time
- Unconditional, Unavailable, Busy Call Forward
- Fax Server Support
- Multiple SIP Trunk Support
- Upload Sound Files for IVR
- Least Cost Routing (LCR)
- Busy Lamp Field (BLF)
- Bridged Line Appearance (BLA)

E-MAIL SERVICE

- Supports POP3, SMTP, IMAP
- Secured Socket Layer (SSL)

- Junk Mail Filtering
- E-mail Storage Quota
- E-mail Alias Group Assignment
- Mail Attachment Size Restriction
- User E-mail Storage Quota
- E-mail Log Record Management
- Anti-Virus and Anti-Spam
- Auto Backup, Auto Reply
- E-mail White and Black list Based on Domain
- Name, User Name, and E-mail Address
- Supports Web Mail
- Supports Mail Service via DDNS

INTERNET SECURITY SERVICE

- Static IP, PPPoE, DHCP, PPTP, L2TP
- Web Content Filter by Domain and Keyword
- Access Control List (ACL)
- URL / IM / P2P Blocking
- Firewall / NAT
- IPSec / PPTP / L2TP Pass-through
- DoS Attack Protection (TCP SYN Flood, UDP Flood, ICMP Flood, Ping of Death)
- UPnP and DMZ
- Site-to-Site SSL VPN

- PPTP VPN Remote Access
- RIP / Static Route
- IP-MAC Binding

NETWORK STORAGE SERVICE

- Up to 1.5TB Hard Disk
- Supports User Network Storage Quota
- Compatible Windows 2000 / XP / Vista, Mac, Linux
- Scheduled Auto Backup, Auto Snapshot
- Supports User / Group Privilege ACL

SYSTEM MANAGEMENT

- Single Point of Management
- System Logging with E-mail Alert
- Fast Recovery with Remote Service
- Environment Monitoring
- Dynamic Domain Name Services (DDNS)
- Multiple Domain Name Support
- Multiple Hostname Support

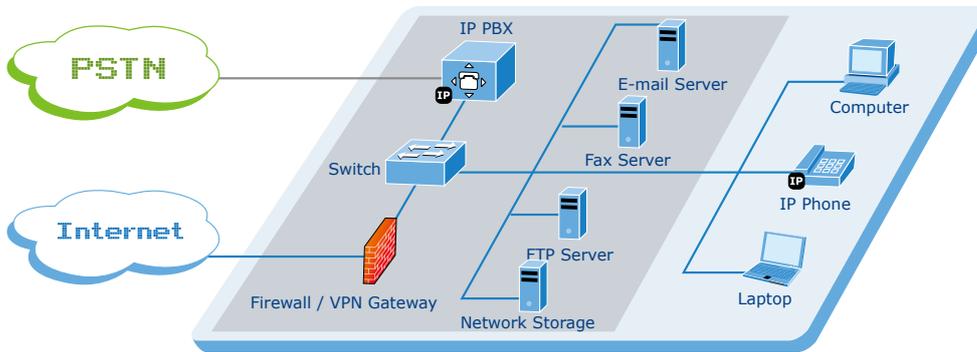
APPLICATIONS

Highly Integrated IT Services

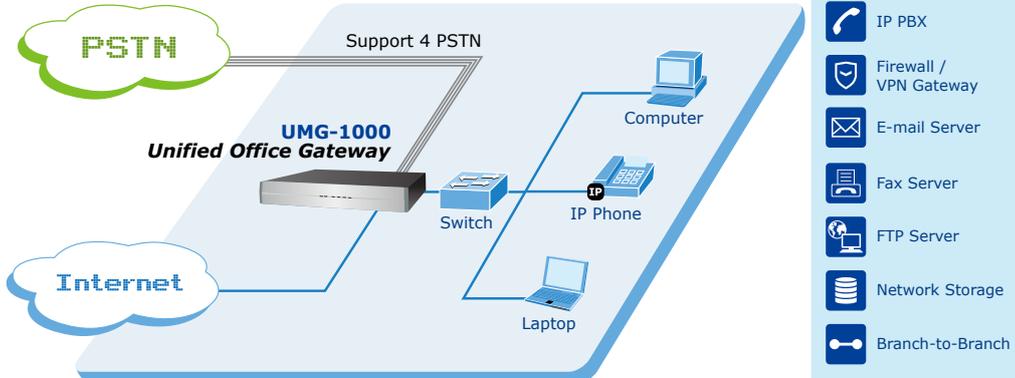
Providing IP PBX / VoIP, Internet Security, E-mail and FAX Server services, the UMG-1000 features single point of management to improve IT service ability.

The UMG-1000 benefits the SMBs lower cost of ownership, quick and easy deployment, low noise, space saving and energy conservation for better business environment.

Traditional Office System

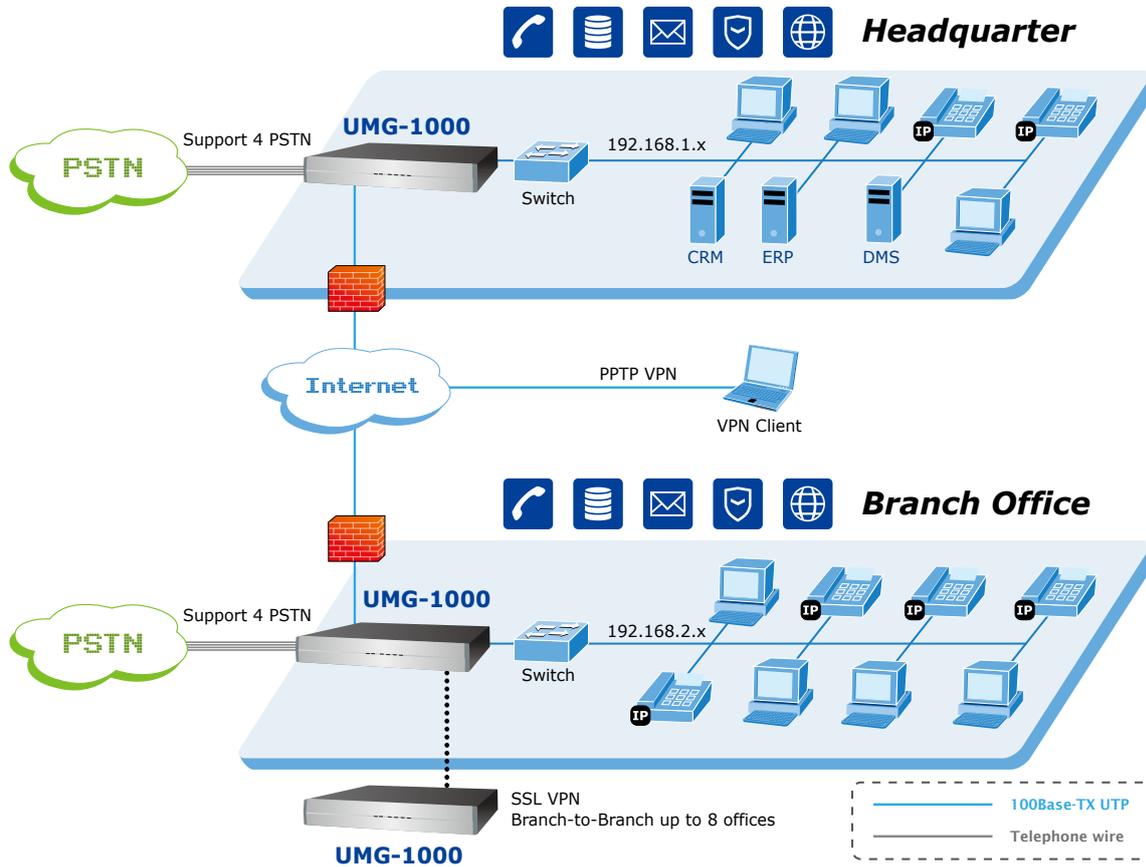


New Office System



Office Voice and Data Communication

The exchange of business data and voice with high security and superior performance is in great demand. The Unified Office Gateway UMG-1000 meets the requirements. A secure channel based on SSL VPN is built for data synchronization. A private voice switching system helps to avoid local or long distance charges by exchanging voice via a secure Internet tunnel. Additionally, web based remote management makes it possible to manage all IT resources in your branches without leaving your own office. The UMG-1000 supports Branch-to-Branch voice and data communication up to 8 offices.



SPECIFICATION

Product	Desktop Unified Office Gateway
Model	UMG-1000
Hardware Specification	
Case	Desktop placement
WAN	1 x RJ-45 (10/100/1000Base-TX, Auto-Negotiation, Auto MDI/MDI-X)
LAN	3 x RJ-45 (10/100/1000Base-T, Auto-Negotiation, Auto MDI/MDI-X)
Hard Disk support	1 x SATA I/II interface for 2.5" internal Hard Disk (max. 1.5TB)
Voice	4 x RJ-11 (4 x FXO)
USB	2 x USB2.0 (future feature)
Console	RJ-45 port (future feature)
LED Indicators	1 x PWR LED 1 x Internet LED 1 x WAN LED 3 x LAN LED
Software Specification	
VoIP	<ul style="list-style-type: none"> SIP protocol - SIP 2.0 (RFC3261, RFC2833) Registration - Max. 100 nodes Calls - Max. 30 concurrent calls Voice Compression Code Technology - G.711, G.726 Video Compression Code Technology - H.261, H.263, H.263+, H.264 Echo Cancellation - G.165/G.168 Gain Control - In/Out +/-6db Voice Processing - Voice Activated Detection - DTMF Detection/Generation - G.165/G.168 Echo Cancellation (ECN) - Comfort Noise Generation (CNG) - Gain Control
IP PBX	<ul style="list-style-type: none"> - Support call hold, call waiting, 3-way call conference with feature phones - Built-in in-line call transfer - Unconditional, unavailable, busy call forward, custom time of no answer - Per-calling-number forward and rejection - Group-based call pick-up - Call-parking - Inter-PBX SIP Trunking - Multi-room meet-me conference - Auto-attendant - Voice mail system - Call privilege grouping - FXO interface for PSTN Inbound/outbound - FXO disconnection tone detection - Caller ID detection - In-band/RFC2833/SIP-INFO DTMF translation - Music on hold (MoH), user upload MoH - Direct line Outbound - User upload IVR

Voicemail	<ul style="list-style-type: none"> - User PIN - 450 minutes for personal record - E-mail notification - Personal reception on unavailability - Reply call or new call in voicemail menu
E-mail	<ul style="list-style-type: none"> Protocol - POP3,IMAP,SMTP Support accounts - 100 users Email Security - Secured Socket Layer (SSL) Anti-Virus - ClamAV Anti-Spam Junk mail block Mailbox size Limit - 200M/500M/1G/2G/No Limit Attachment - 2M/5M/10M/20M/50M/No Limit White & Black List - Share/User/Domain security modes Email Backup - Auto-Backup
Network Storage	<ul style="list-style-type: none"> Data Sharing - Windows Network Sharing, NFSv3
Security	<ul style="list-style-type: none"> Network Security - DoS attack Prevention VPN Max. connection - 100 PPTP VPN tunnels - 8 Site-to-Site SSL VPN tunnels VPN pass-through - IPSec, PPTP, L2TP pass-through Internet Security - Domain/Keyword Content Filter, Access Control - IP-MAC Binding
Other Protocol / Function	<ul style="list-style-type: none"> Protocol - TCP/IP, NAT, DHCP, HTTP, DNS, NTP, HTTPS, CIFS/SMB, NFSv3 Internet Access - Static IP, PPPoE, DHCP, PPTP, L2TP DMZ UPnP QoS DDNS Multiple Domain Name
Management	<ul style="list-style-type: none"> - Web based GUI management - Firmware upgradeable via local

ORDERING INFORMATION

UMG-1000	Desktop Unified Office Gateway (4 FXO, 1 WAN, 3 LAN)
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