SEGURIDAD

Control de acceso	Source/Destination IP Based Access Control
Filtering	URL Filtering
ARP Inspection	-
Defensa de Ataque	• TCP/UDP/ICMP Flood Defense • Block TCP Scan (Stealth FIN/Xmas/Null) • Block Ping from WAN

CARACTERÍSTICAS DE HARDWARE

Estándares y Protocolos	• IEEE 802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3z, IEEE 802.3x, IEEE 802.1q • TCP/IP, DHCP, ICMP, NAT, PPPoE, NTP, HTTP, HTTPS, DNS, IPSec, PPTP, L2TP, SNMP
Interface	• 2 Gigabit SFP WAN/LAN ports • 1 Gigabit WAN port • 1 Gigabit LAN/WAN port • 8 Gigabit LAN ports
Medios de Red	• 10BASE-T: UTP category 3, 4, 5 cable (Max 100 m) EIA/TIA-568 100Ω STP (Max 100 m) • 100BASE-TX: UTP category 5, 5e cable (Max 100 m) EIA/TIA-568 100Ω STP (Max 100 m) • 1000BASE-T: UTP category 5, 5e, 6 cable (Max 100 m)
Cantidad de Ventiladores	Fanless
Botón	Reset Button
Fuente de Alimentación	53.5VDC/2.43A Adapter
PoE Budget	8 ports PoE+ output, 110 W PoE Budget
Flash	8Mb Nor + 4 GB EMMC
DRAM	1 GB DDR3
LED	PWR, SYS, CLOUD, PoE Max, SFP 1, SFP 2, WAN (Speed, Link/Act), LAN (Speed, Link/Act)
Dimensiones (W X D X H)	8.9 × 5.2 × 1.4 in (226 × 131 × 35 mm)
Protección	4 kV surge protection
Cercado	Steel
Montaje	Desktop/Wall-mount
Consumo Máximo de energía	• 133.2W with PoE Max • 13.88W without PoE

RENDIMIENTO

Sesiones Concurrentes	24,980
New Sessions /Second	1,900
NAT (Static IP)	935.5 Mbps / 942.1 Mbps
NAT(DHCP)	940.2 Mbps / 941.7 Mbps
NAT(PPPoE)	913.1 Mbps / 935.2 Mbps
NAT (L2TP)	545.0 Mbps / 912.7 Mbps
NAT (PPTP)	523.0 Mbps / 912.8 Mbps
Rendimiento VPN IPsec	AES256: 168.5 Mbps
OpenVPN	34 Mbps
L2TP VPN Throughput	• Unencrypted: 845.3 Mbps • Encrypted: 333.2 Mbps
PPTP VPN Throughput	• Unencrypted: 1012.6 Mbps • Encrypted: 401.4 Mbps
66 Byte Packet forwarding rate	154,069 pps / 156,977 pps
1,518 Byte Packet forwarding rate	81,193 pps / 81,193 pps

FUNCIONES BÁSICAS

WAN Connection Type	• Static IP • Dynamic IP • PPPoE • PPTP • L2TP
MAC Clone	Modify WAN MAC Address
DHCP	• DHCP Server • DHCP Address Reservation • Multi-IP Interfaces • Multi-Net DHCP
IPv6	support
VLAN	802.1Q VLAN
IPTV	IGMP v2/v3 Proxy

FUNCIONES AVANZADAS

ACL	IP/Port/Protocol/Domain Name Filtering

FUNCIONES AVANZADAS

Advanced Routing	• Static Routing • Policy Routing
Bandwidth Control	IP/Port-based Bandwidth Control
Equilibrio de carga	• Intelligent Load Balance • Application Optimized Routing • Link Backup • Online Detection
NAT	• Multi-Net NAT • Virtual Server • NAT-DMZ • FTP/H.323/SIP/IPSec/PPTP ALG • UPnP
Límite de sesión	IP-based Session Limit

VPN

SSL VPN	-
IPsec VPN	• 20 IPSec VPN Tunnels • LAN-to-LAN, Client-to-LAN • Main, Aggressive Negotiation Mode • AES128, AES192, AES256 Encryption Algorithm • IKE v1/v2 • SHA1, SHA2 Authentication Algorithm • NAT Traversal (NAT-T) • Dead Peer Detection (DPD) • Perfect Forward Secrecy (PFS)
PPTP VPN	• PPTP VPN Server • PPTP VPN Client (10) • 16 Tunnels • PPTP with MPPE Encryption
L2TP VPN	• L2TP VPN Server • L2TP VPN Client (10) • 16 Tunnels • L2TP over IPSec
OpenVPN	• OpenVPN Server • OpenVPN Client (10)§ • 16 OpenVPN Tunnels

AUTENTICACIÓN

Autenticación Web	• No Authentication • Simple Password • Hotspot (Local User / Voucher / SMS / Radius) • External Radius Sever • External Portal Sever

ADMINISTRACIÓN

Omada App	Yes.

ADMINISTRACIÓN

Centralized Management	Yes.
Cloud Access	Yes.
Servicio	Dynamic DNS (Dyndns, No-IP)
Mantenimiento	• Web Management Interface • Remote Management • Export & Import Configuration • SNMP v1/v2c/v3 • Syslog Support
Zero-Touch Provisioning	-
Management Features	• Automatic Device Discovery • Intelligent Network Monitoring • Abnormal Event Warnings • Unified Configuration • Reboot Schedule • Captive Portal Configuration • Management up to 2 Switches, and 10 EAPs

OTROS

Certificacion	CE, FCC, RoHS
Contenidos del Paquete	• ER7212PC • Power Adapter • Power Cord • Quick Installation Guide
Requisitos del Sistema	• Microsoft Windows 98SE, NT, 2000, XP, Vista™ or Windows 7/8/8.1/10 • MAC OS, NetWare, UNIX or Linux
Ambiente	• Operating Temperature: 0 °C to 45 °C (32 °F to 113 °F) • Storage Temperature: -40 °C to 70 °C (-40 °F to 158 °F) • Operating Humidity: 10% to 90% non-condensing • Storage Humidity: 5% to 90% non-condensing