

RYSER UNIFY

The next generation of business connectivity

RYSER Unify is a suite of networking hardware and management services designed to support the ever-increasing connectivity needs of business users. As dependency on internet-connected technology continues to grow, your organization's network needs to support an expanding range of devices and applications – all while providing speed, security and reliability.



Through its suite of cloud-managed products and services, RYSER Unify provides a comprehensive, end-to-end networking solution that easily scales to meet your needs:

- Remote monitoring, management, and technical support with rapid response to network issues
- Unify routers provide enterprise-grade security with built-in firewall and automatic updates
- Advanced auditing and reporting on network and internet utilization
- High-density environment and IoT (Internet of Things) support through continuous product updates
- Rapid deployment and scalability – quickly and easily grow your network with pay-as-you-go pricing

RYSER Unify is the first truly agile network solution designed for business environments. Confidently meet the demands of today and the opportunities of tomorrow with a network that effortlessly adapts to changing technology.

RYSER Unify's suite of routers, switches and access points – the core components of your network – go beyond the competition with innovative features and services. Continue reading to find out more.



ROUTERS

Capability meets security

Standing between your devices and the internet, the router is the gateway to your network. RYSER Unify Security Gateway and Security Gateway Pro routers have features to ensure you get the most out of your high-speed internet connection; providing fast and reliable internet access for all of your devices, while keeping the bad guys out:

- Hardware firewall with IPS (Intrusion Prevention Service) for advanced threat protection
- DPI (Deep Packet Inspection) for monitoring and controlling internet traffic by website and user
- Built-in RADIUS Server for user-based control of wired, wireless, and VPN access to the local network
- VPN (Virtual Private Network) for secure remote access to local services (ex. File server)

Security Gateway



Specifications:

CONNECTIVITY	1 x Gigabit RJ45 WAN, 1 x Gigabit RJ45 LAN, 1 x Gigabit RJ45 Combo (WAN or LAN)
CPU/MEMORY/STORAGE	Dual-Core 500MHz / 512MB DDR2 / 2GB
PERFORMANCE	3Gbps (without IPS), 85Mbps (with IPS – recommended for 1-10 users)
DIMENSIONS	135x135x28.3mm (5.32x5.32x1.11")

Security Gateway Pro



Specifications:

CONNECTIVITY	2 x Gigabit RJ45 and SFP WAN, 2 x Gigabit RJ45 LAN
CPU/MEMORY/STORAGE	Dual-Core 1GHz / 2GB DDR3 / 4GB
PERFORMANCE	4Gbps (without IPS), 250Mbps (with IPS – recommended for 10-30 users)
DIMENSIONS	484x164x44mm (19.06x6.46x1.73")

Maintenance and Support

Router Management – remote monitoring of router uptime, performance and security; technical support available Monday-Friday 8AM-8PM (excluding holidays); customer access to management console including logging, statistics, and insights; software updates; lifetime hardware warranty; available for Security Gateway only.

Router Management Pro – includes everything under *Router Management* but supports Security Gateway Pro to accommodate larger networks with increased requirements for maintenance and support.



SWITCHES

Intelligence at the core

The switch is the core of your network, providing wired connectivity between your devices, servers, printers, access points, and the router. The RYSER Unify line of switches have an intelligent feature set designed to protect your devices and data through controlled network access:

- 802.1X Control prevents unauthorized access to the wired network and leverages RADIUS authentication to automatically assigns users to a specific VLAN based on supplied credentials
- VLAN (Virtual Local Area Network) support for grouping similar devices to enhance security and performance
- Gigabit Ethernet with non-blocking architecture for maximum wired performance
- Fiber ports for distant deployments and high-speed backhaul connections for edge switches
- PoE (Power-over-Ethernet) allows the switch to supply power as well as data through a single cable to compatible devices, simplifying wiring and installation of network equipment in areas lacking power outlets



Specifications:	Switch-8 (60W)	Switch-8 (150W)	Switch-16 (150W)	Switch-24 (250W)	Switch-16 (XG)
RJ45 PORTS	8 x 1G	8 x 1G	16 x 1G	24 x 1G	4 x 1G/10G
FIBER PORTS	N/A	2 x SFP	2 x SFP	2 x SFP	12 x 1G/10G SFP+
CAPACITY	16Gbps	20Gbps	36Gbps	52Gbps	320Gbps
FORWARDING RATE	11.9Mpps	14.88Mpps	26.78Mpps	38.69Mpps	238.10Mpps
POE PORTS	4 x 802.3af	8 x 802.3at/af	16 x 802.3at/af	24 x 802.3at/af	N/A
POE POWER (MAX)	60W	150W	150W	250W	N/A
POE POWER (PORT)	15.4W	34.2W	34.2W	34.2W	N/A
DIMENSIONS	148x99.5x 30.7mm (5.83x3.92x1.21")	235x43x204mm (9.25x1.69x8.03")	443x43x221mm (17.44x1.69x8.70")	485x43.7x285.4mm (19.09x1.72x11.24")	443x221x43mm (17.44x8.70x1.69")

Maintenance and Support

Switch Management – remote monitoring of switch uptime, performance and security; technical support available Monday-Friday 8AM-8PM (excluding holidays); customer access to management console including logging, statistics, and insights; software updates; lifetime hardware warranty.



ACCESS POINTS

Redefined wireless connectivity

An Access Point (AP) is the bridge between your wireless devices and your wired network. An AP connects to a switch and creates a wireless network for your WiFi-capable devices, enabling them to access the wired network and internet. With the AP being the point of access for all of the wireless devices, performance and reliability are crucial, as well as security in order to keep unwanted devices off of the network. RYSER Unify access points provide unwavering performance and security:

- Latest 802.11AC standard for wireless bandwidth up to 1300Mbps
- WPA Enterprise security prevents unauthorized access to the wireless network and leverages RADIUS authentication to automatically assign users to a specific VLAN based on supplied credentials
- User Groups to control bandwidth (ex. Prevent Guests from hogging the internet connection)



Specifications	AP-AC-Lite	AP-AC-Pro	AP-IW	AP-AC-IW
ENVIRONMENT	Indoor	Indoor/Outdoor	Indoor	Indoor
MOUNT TYPE	Wall/Ceiling	Wall/Ceiling	In Wall	In Wall
BAND	Dual	Dual	2.4GHz Only	Dual
2.4GHz RATE	300Mbps	450Mbps	150Mbps	300Mbps
2.4GHz MIMO	2x2	3x3	1x1	2x2
5GHz RATE	867Mbps	1300Mbps	N/A	867Mbps
5GHz MIMO	2x2	3x3	N/A	2x2
SECONDARY PORTS	N/A	1 x Gigabit	1 x 10/100Mbps, 1 x 10/100Mbps PoE (802.3af)	1 x Gigabit, 1 x Gigabit PoE (802.3af)
POE INPUT	802.3af (6.5W MAX)	802.3af/at (9W MAX)	802.3af (15.4W MAX)	802.3at (19W MAX)
WIRELESS UPLINK	YES	YES	NO	NO
DIMENSIONS	160x160x31.45mm (6.30x6.30x1.24")	196.7x196.7x35mm (7.74x7.74x1.38")	114.6x70.6x28.5mm (4.51x2.78x1.12in)	139.7x86.7x25.75mm (5.5x3.41x1.01")

Maintenance and Support

AP Management – remote monitoring of AP uptime, performance and security; technical support available Monday-Friday 8AM-8PM (excluding holidays); customer access to management console including logging, statistics, and insights; software updates; lifetime hardware warranty.

