

EdgePro2 - Upgrade to Complete Network Management

The ES120 is a next-generation network management appliance, purpose-built to meet the most demanding requirements across industrial environments and expansive network infrastructures that require superior connectivity and streamlined remote management.

With enhanced processing power and efficiency in managing complex routing, inspection, and usage operations, the ES120 natively supports 5G, Starlink, and all major satellite platforms, setting the new standard for high-performance wireless network deployments.

Next Gen SD-WAN for Unified Network Connectivity

ES120 expands on the capabilities of the popular ES110 with enhanced processing power for greater throughput, routing, and rapid packet inspection. It's an ideal solution for multi-WAN deployments with demanding bandwidth bonding needs, delivering robust, high-performance connectivity across enterprise, industrial, maritime, and remote environments.

- ✧ Enterprise-grade firewall and VPN
- ✧ Advanced Bandwidth Bonding with WAN-aware traffic policies
- ✧ Multi-WAN with native support for multiple Starlink terminals
- ✧ Cloud-managed policy administration, native captive portal



Advanced Network Capabilities Tailored to Your Needs



Reliable WAN and LAN Connectivity with Usage Quotas and Captive Portal

Combines seamless multi-WAN routing across Starlink, 5G, and wired links for enterprise-grade high-speed, low-latency connectivity — ensuring maximum uptime and enhanced performance across all networks.



Cloud Management tailored for Multi-User Environment Orchestration

Centralized cloud platform enables remote configuration, fleet management, and hierarchical policy control across distributed sites, simplifying operations for multi-organization deployments and large-scale rollouts.



Advanced Security and Multi-path VPN Routing with SASE functionality

Enterprise-grade firewall with site-to-site and site-to-hub VPN ensures secure, encrypted access. Advanced features like Deep Packet Inspection and captive portal controls offer precise usage management and analytics.

Contact sales@kognitive.net or visit www.kognitive.net to [find out more](#).

Edge Applications

- Intuitive system management locally or from the Cloud
- Kognitive Cloud with analytics and remote access
- Mobile App management and remote control

Advanced Quality of Service

- Deep Packet Inspection (DPI) with Application, Domain, and IP filtering
- Rate, Quota, Priority management
- One-click client/group management
- Priority / Shaping / Blocking

Local Area Network Management

- Connected and Routed Networks
- LAN, DHCP, DNS, Bonjour/M-DNS
- Quality of Service (QoS) and Traffic Management

Software Defined Wide Area Network

- WAN Link Priority and Bonding
- Advanced Bonding
- Point of Presence (PoP) Dropoff with USA Internet
- VPN Services
- Hub Service as Multi-path VPN Host

konnnect

Advanced network appliance for secure SD-WAN, remote access, and flexible WAN / LAN connectivity, with integrated captive portal for usage control.



Overview	
Software	KonnnectOS with Kognitive Cloud
Services	Multi-WAN failover, External 5G modem support, Firewall, QoS/QoE Traffic Policies, MPK-VPN, IDS/IPS, Captive Portal, Remote Management, SD-WAN or Hub Modes, Point of Presence (POP)
Typical Use Cases	Office & Remote Sites, High Reliability Multi-WAN Routing, Site to Site VPN, Regional Internet Drop-off
Capacity	
SD-WAN Client Capacity	up to 300 clients, typical loading 200 Native: TBD Mbps Tunneled, QoS Disabled: TBD Mbps Tunneled, QoS Enabled: TBD Mbps
Specifications	
Ethernet Ports	6x 2.5 GbE RJ45 switchable LAN/WAN
Expansion Ports	4x USB3
Processor	i3-1215u 4.40GHz, 6 core / 8 threads
Memory / Storage	16GB DDR5 / 128 GB SSD
Physical	
Enclosure	Standalone, fanless
Measurements	7.0" x 5.0" x 2.25" [178.3 x 125.5 x 57 mm], 2.54 lbs [1.15 kg]
Environment	-10°C to +50°C, ≤ 95% RH non-condensing
Power	+12VDC (120W Max)
Regulatory	
Certifications	CE, FCC
Warranty	1-year limited, extended warranty available

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