



EdgePro2 - Upgrade to Complete Network Management

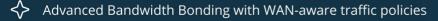
The ES120 is a next-generation network management appliance, purpose-built to meet the most demanding requirements across industrial environments and expansive network infrastructures that require superior connectivity and streamlined remote management.

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.











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 Multipath VPN Routing with SASE functionality

Enterprise-grade firewall with siteto-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.

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Integrated Workflow Compatibility



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



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





| Overview | |
|---------------------------|--|
| Software | KonnectOS 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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