

RS100

Inline Intelligence Gateway with Cloud Management

The RS100 is designed for operators who need enterprise-grade WAN services without rebuilding their network. Deploy it as a lightweight SD-WAN device on a single Starlink connection, or layer it in front of an existing SD-WAN router to add cloud visibility and control — without touching a single router, switch, or access point.

With seamless integration to Orbit's Quota system, automatically throttle bandwidth as usage approaches plan limits to gracefully manage data use without service disruption or bill shock.

Advanced WAN Services for Any Deployment

Powered by Konnect, the RS100 adds cloud-managed firewall, global private routing via MPK-VPN across 32 worldwide PoPs, and bandwidth throttling without needing to replace or build an existing network.

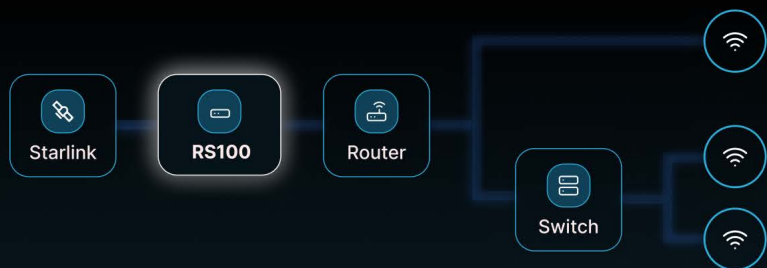
- ✧ Simple, flexible install with no changes required to existing routers, switches, APs
- ✧ Bandwidth throttling with Orbit Quota integration — manage usage gracefully near plan limits
- ✧ Global private routing via MPK-VPN across 32 worldwide PoPs



Single Starlink?

RS100 Enhanced Gateway

Quota Throttling · Cloud Firewall
MPK-VPN · KonnectRM



Multi-WAN?

RS100 Intelligent Layer

Captive Portal · Cloud Firewall
MPK-VPN · KonnectRM



Contact sales@kognitive.net or visit www.kognitive.net to find out more.

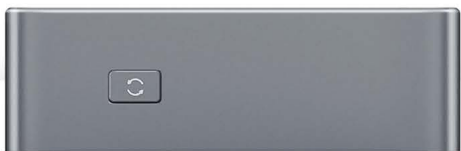
Zero Touch, Network Agnostic

The RS100 is a compact inline intelligence gateway with a 2.5 Gb WAN port and 1 Gb LAN port, plus USB 3.0 for cellular modem expansion. Insert it between any WAN source and your existing network to instantly add cloud-managed firewall, global VPN routing, bandwidth throttling, and remote access — without modifying routers, switches, or access points.



konnnect

From a single Starlink install to a site already running SD-WAN, the RS100 layers enterprise-grade WAN services inline. Cloud-managed firewall, global routing across 32 PoPs, and Quota-aware throttling without touching a single router, switch, or access point.



Overview	
Software	KonnnectOpen with Kontrol, seamless Orbit integration
Services	Firewall and DPI, Quota with Bandwidth Throttling, MPK-VPN (32 global PoPs), WireGuard and OpenVPN, Remote Management via KonnectRM, Captive Portal (License Required)
Typical Use Cases	Rate limiting and throttling, global VPN routing, remote access
Capacity	
Throughput, Capacity, and Speed	up to 100 clients Native: up to 1,000 Mbps VPN Throughput: Up to 150 Mbps (OpenVPN) / Up to 355 Mbps (WireGuard)
Specifications	
Ethernet Ports	1x WAN (2.5 GbE), 1x LAN (1 GbE)
Expansion Ports	1x USB3 (5G modem supported)
Processor	MediaTek MT7981B 1.30 GHz / 2 core
Memory / Storage	1GB DDR4 / 8 GB eMMC
Physical	
Enclosure	Aluminum alloy, fanless
Measurements	2.75" x 2.75" x 0.87" [70 x 70 x 22 mm] / 0.35 lbs [157 g]
Environment	0°C to +40°C, ≤ 95% RH non-condensing
Power	USB-C, 5V/2A (max 2.6W)
Regulatory	
Certifications	CE, FCC, RoHS
Warranty	1-year limited, extended warranty available

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