



Unity EdgeConnect S

The Unity EdgeConnect S is a compact form factor Thin Edge appliance that serves to build an SD-WAN fabric using Zero Touch Provisioning. It supports MPLS, 4G/LTE, and Internet-based hybrid WAN data paths and a control plane that is automated and secured by the Unity Orchestrator software to provide policy-based virtual network segmentation and acceleration of on-premise and SaaS cloud ap-

plications. Key features of the EdgeConnect S include quiet operations and flexible mounting options, making it an ideal platform for large branch and remote office environments with typical WAN bandwidth from 10 Mbps to 1 Gbps. The EC-S can optionally be configured with a dual 1/10 Gbps Short Reach (SR) or Long Reach (LR) fiber optic module.

Capacity	
WAN Bandwidth Capacity (all features + encryption)	10 to 1,000 Mbps
Simultaneous Connections	256,000
Resiliency	
Disk Drives	Two
Power Supplies	Single
Network	1+1 and N+1 with VRRP or WCCP
RAM	ECC memory
MTBF	50,827 hours (5.8 years)
Security	
Disk Encryption	128-bit AES
Network Encryption	IPsec (256-bit AES)
Connectivity	
LAN/WAN Ethernet	6 x 10/100/1000 LAN WAN (3 LAN/3 WAN) as per IEEE 802.3i, 802.3u, 802.3ab, 802.1Q Optical module for 2 x 1/10Gbps Ethernet fiber data ports (1 LAN/1 WAN) as per IEEE 802.3z, 802.3ae, 802.1Q
Management	2 x 10/100/1000; Console port

Deployment	
In-Line Router Mode	In-line as next-hop gateway between L2 switch and WAN router or broadband internet modem for Zero Touch Provisioning, with WAN hardening or stateful firewall
In-line Bridge Mode	In-line between L2 switch and WAN router with fail-to-wire (copper only) in case of failure, with WAN hardening or stateful firewall
Out-of-Path (Router) Mode	Attached to WAN router out-of-path with PBR re-direction, WCCP, and VRRP
Power	
Requirement	100-240VAC / 47-63Hz / 100W
Power Supplies	Single
Dimensions	
Height	1.73 in (44 mm)
Width	17 in (431 mm)
Depth	12 in (305 mm)
Weight	11 lbs (5 kg)
Regulatory	
EMC	FCC Part 15 Class A, EN 55022 Class A, VCCI Class A, EN 61000-3-2/3-3, EN 55024
Safety	UL/cUL/60950, EN 60950
Environmental	
Temperature (Operating)	10° C to 35° C (50° F to 95° F)
Temperature (Storage)	-40° C to 65° C (-40° F to 149° F)
Humidity (Operating)	8% to 90% relative humidity, non-condensing
Humidity (Storage)	8% to 95% relative humidity, non-condensing
Altitude (Operating)	Up to 10,000 ft (3,048 m)
Altitude (Storage)	Up to 40,000 ft (12,192 m)
Management	
CLI	Full-featured CLI available over DB-9 console port or SSH
GUI	Unity Orchestrator provides centralized configuration, monitoring and management of multiple EdgeConnect appliances
SNMP	SNMPv2c, SNMPv3
Secure Access	SSH and HTTPS
Logging	Syslog with configurable levels. Email alerts
Authentication	Local database, RADIUS, TACACS+
Statistics	Graphing and monitoring, real-time and historical