



EdgePoint™

Intelligent WISP Control Point with FiberProtect™

Models: EP-R6, EP-R8, EP-S16

Weatherproof Enclosure for Outdoor Use

Powerful Routing or Switching Features

Fiber Backhaul Capability



Hardware Specifications

EP-S16	
Dimensions	326.6 x 382.7 x 88.8 mm (12.86 x 15.07 x 3.50")
With Wall-Mount	326.6 x 382.7 x 105.5 mm (12.86 x 15.07 x 4.15")
Weight	3.4 kg (7.50 lb)
With Wall-Mount	3.8 kg (8.38 lb)
Enclosure Characteristics	Diecast Aluminum Alloy and Polycarbonate with UV Resistance
Non-Blocking Throughput	36 Gbps
Switching Capacity	72 Gbps
Forwarding Rate	53.57 Mpps
Max. Power Consumption	40W (Excludes PoE Output)
Power Input	(1) DC Terminal Block or (2) RJ45 (Ports 1 and 2) (Self-Correcting Polarity Protection on DC Terminal Block Only, Diode ORed Protection on All Power Inputs)
Power Supply	Min. 54V / 0.8A (Excludes PoE Output Power)
VDC Input	54VDC, 6A
Passive PoE Input	(2) 54V/1.5A, 4-Pair (+1, 2, 4, 5; -3, 6, 7, 8) Passive PoE, Ports 1 and 2 (Do NOT Configure Port 1 or 2 in PoE Output Mode if You Are Using PoE Input Power Sources.)
Passive PoE Output	(4) 54V or 24V /1.4A, 4-Pair (+1, 2, 4, 5; -3, 6, 7, 8) Passive PoE, Ports 1 to 4 (12) 802.3af/at or 24V/0.7A, 2-Pair (+4, 5; -7, 8) Passive PoE, Ports 5 to 16
Power Monitoring	(1) DC Terminal Block, Input Power (2) RJ45, Ports 1 and 2, PoE Input or Output Power (14) RJ45, Ports 3 to 16, PoE Output Power
Supported Voltage Range	56 to 42VDC
Button	Reset
LEDs	
System	Power
1 to 16	Speed/Link/Activity, PoE
SFP	Speed/Link/Activity
Ports	
Serial Console Port	(1) RJ45 Serial Port
Data Ports	(16) 10/100/1000 RJ45 Ports (2) 1/10 Gbps SFP+ Ports
Processor	ARM Cortex-A9 400 MHz
System Memory	256 MB DDR3 RAM
Code Storage	32 MB
Certifications	CE, FCC, IC
Pole/Wall Mount	Yes
Wind Loading	153 N @ 200 km/h (34 lbf @ 125 mph)
Wind Survivability	200 km/h (125 mph)
Operating Temperature	-40 to 65° C (-40 to 149° F)
Operating Humidity	10 to 90% Noncondensing