Ubiquiti Ubiquiti EP-R6 - Intelligent WISP Control Point with FiberProtect™

UB-EDGE-POINT-R6
EAN 0810354024443

Overview: Ubiquiti Networks introduces the EdgePoint™, part of the EdgeMAX®platform. The first application-specific designed WISP control point, the EdgePoint combines EdgeMAX routing features with fiber backhaul and versatile powering capabilities. The EdgePoint is available in three models: EP-R6: Layer-3 router EP-R8: Layer-3 router EP-S16: Layer-2 switch with some layer-3 capabilities Breakthrough in Tower Deployment: The EdgePoint features FiberProtect to significantly reduce electrostatic discharge (ESD) failures and electromagnetic interference (EMI), greatly improve data signal integrity, and consolidate the wired data backhaul to a single fiber cable run for long-distance connectivity. All-in-One Design: A single, compact controller efficiently eliminates clutter, expensive cabinets, extraneous installations, and excessive maintenance. Robust Construction: The ruggedized case withstands outdoor conditions, including wind, rain, and snow. The included cable sleeve protects the cables and cable opening. If you prefer, you can swap it out for your own conduit. Advanced Applications: For the EP-R6 and EP-R8, powerful routing features – such as load balancing and failover– provide redundancy and increased performance for outdoor wireless links. For the EP-S16, layer-2 link aggregation provides similar redundancy and increased performance benefits. Versatile Power Options: Powered by 54 V DC or by PoE, the EP-R8 and EP-S16 can support 54 or 24 V passive PoE to power all Ubiquiti® products, including airFiber® and airMAX®. Powered by 24 V DC or by PoE, the EP-R6 can support 24 V passive PoE to power most Ubiquiti products. Intuitive User Interface: The EdgePoint features a graphical user interface designed for convenient setup and control. Accessed via a network port and web browser, the user-friendly interface provides intuitive management with a virtual view of the ports, displaying physical connectivity, speed, and status. Depending on whether you are configuring a router (EP-R6 or EP-R8) or switch (EP-S16), the configuration interface will differ Routing Configuration: The EP-R6 or EP-R8 offers robust features, including: VLAN interfaces for network segmentation Static routes and support of routing protocols: OSPF, RIP, and BGP Firewall policies and NAT rules Application identification with Deep Packet Inspection (DPI) DHCP services Quality of Service (QoS) Network administration and monitoring tools Administrator and operator accounts Comprehensive IPv6 support Switching Configuration: The EP-S16 provides advanced features, including: MSTP/RSTP/STP VLAN, Private VLAN, Voice VLAN Link Aggregation DHCP Snooping, IGMP Snooping TACACS+, RADIUS, 802.1X, MAC Filtering, ACL DiffServ, CoS Static Routing, Policy-Based Routing Configuration by CLI: The CLI provides quick and flexible configuration by command line and features the following: For power users, configuration and monitoring of all advanced features Direct access to standard Linux tools and shell commands (EP-R6 or EP-R8 only) CLI access through the following: Serial console port (EP-R8 or EP-S16 only) SSH Telnet Graphical user interface (EP-R6 or EP-R8 only) Hardware Overview: The EP-R6 features five RJ45 Ethernet ports and one SFP Ethernet port. Bottom Panel Power Options: 24 V DC, 3 A Terminal Block PoE Input (5) 24 V, 0.7 A Passive PoE Output Ports (1) SFP Port

- Dimensions: 188.6 x 177.1 x 49.8 mm (7.43 x 6.97 x 1.96")
- Weight: 605 g (1.33 lb)
- Max. Power Consumption: 7 W (excludes PoE Output)
- Power Input:
- (1) DC Terminal Block or
- (1) RJ45 (eth0)
- (Self-Correcting Polarity Protection on DC Terminal Block Only, Diode ORed Protection on All Power Inputs)
- Power Supply: Min. 24 V / 0.3 A (excludes PoE Output Power)
- V DC Input: 24 V, 3 A
- Passive PoE Input:
- (1) 24 V / 1.4 A, 4-Pair (+1, 2, 4, 5; -3, 6, 7, 8) Passive PoE, eth0
- (Do NOT Configure eth0 in PoE Output Mode if You Are Using a PoE Input Power Source.)
- Passive PoE Output: (5) 24 V / 0.7 A, 2-Pair (+4, 5; -7, 8) Passive PoE, eth0 to eth4
- Power Monitoring:
- (1) DC Terminal Block, Input Power
- (1) RJ45, eth0, Input Power
- Supported Voltage Range: 26 to 16 V DC
- Button: Reset
- LEDs
- System: Power
- eth0 to eth4: Speed/Link/Activity, PoE
- eth5/SFP: Speed/Link/Activity
- Ports:
- Data Ports:
- (5) 10/100/1000 RJ45 Ports
- (1) 1 Gbps SFP Port
- Processor: Dual-Core 880 MHz, MIPS1004Kc with Hardware Acceleration for Packet Processing
- System Memory: 256 MB DDR3-1600 RAM
- Code Storage: 256 MB NAND
- Certifications: CE, FCC, IC
- Pole Mount: Yes
- Operating Temperature: -20°C to 65°C (-4°F to 149°F)
- Operating Humidity: 10 to 90% non-condensing

Attributes

- Industrial usage: no
- Managed: no
- Outdoorsuitable: no

- PoE (Power over Ethernet): no
- Protection against vanadlism: no
- VLAN: no

Logistics

	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	0	0.00	0.00	0.00	0.00	0.00
Packaging Unit Inside	0	0.00	0.00	0.00	0.00	0.00
Packaging Unit Single	0	0.00	0.00	0.00	0.00	0.00
Net single without Packaging	0	0.00	0.00	0.00	0.00	0.00

EU responsible person

EU based economic operator ensuring the product complies with the required regulations.

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