DH-EAC64

5-Port Wireless Access Controller EAC64



- Wireless Access Controller.
- Multi WAN-port mode.
- EAP Series AP Management.
- Flexible Forwarding Modes.
- Smart Roaming Features.
- Various kinds of network authentication methods.



Series Overview

EAC Series Wireless Access Controller (AC) is well designed and positioned for SME network. It features gateway and AC function integration, reducing the number of devices and TCO in network. It comes with the standard granular user control management, comprehensive RF resource management, 24/7 wireless security control, fast roaming, strong QoS. When paired with EAP Series Access Point (AP), it serves as an ideal access control solution for WLAN access of SMB network.

Functions

Minimal WEB
Designed with a minimalist graphical WEB, easy to operate, which improves configuration efficiency.

Strong Control of Network Traffic Flow
Limits the uplink and downlink bandwidth, and the speed of users, meeting the needs of network management.

Robust Design
Built to last, the architecture of the switch makes it highly reliable, operating with high-efficiency non-stop.

Technical Specification

Hardware

PoE Power Supply	No
Ethernet Port	5
Ethernet Port Speed	10/100/1000 Mbps
Description of Function Slots	Port 1-5: 5 × 10/100/1000Base-T RJ-45
LAN Port	4 × 1000 Mbps (3 LAN ports can be switched to WAN ports)
WAN Port	1 × 1000 Mbps
Reset Button	1
Power Supply	Built-in power supply: 100–240 VAC, 50/60 Hz, 2 A
Power Consumption	Idling: 0.96 W Full load: 12 W
Protection	IP20

Function

802.11 LAN Protocols	802.11n;802.11b;802.11ax;802.11a;802.11g;802.11ac
CAPWAP	Layer 2 network topology between an AP and AC Enable an AP to automatically discover an accessible AC Enable an AP to automatically download configurations from an AC
Roaming	Intra-AC roaming
Forwarding	Local forwarding Centralized forwarding
Wireless QoS	AP-based bandwidth control WLAN-based bandwidth control; User-based static and smart speed control Fair balancing
User Isolation	WLAN-based user isolation
User Management	Access control based on SSID user number

RF Management	Country code configuration Manual configuration of transmitting power Manual configuration of working channel Automatically allocation of working channel Scheduled reallocation of wireless channel
WAN Port Function	Dynamic IP Static IP PPPoE IP/Mask configuration MTU configuration TCP MSS configuration Network bandwidth configuration Gateway address assignment NQA configuration to probe address
Multi-WAN Load Balancing	Distributing network traffic equally; Ratio load balancing; Multi-link for load balancing
Link Detection	Enable and disable link detection ICMP probe TCP probe
IP Routing	Static routing Policy-based routing
VPN	L2TP VPN PPTP VPN
DHCP Function	DHCP Server DHCP Client
Security	Portal Authentication PPPoE Authentication IP/MAC Authentication IP/MAC Binging Intranet Anomaly Detection Intranet Attack Protection WAN Ping Forbid Virtual AP Multiple SSIDs SSID Hiding WPA/WPA2 WPA3 WEP(WEP/WEP128) TKIP
QoS/ACL	Traffic supervision Congestion management Congestion avoidance Traffic shaping IP-based speed limit Traffic classification
Equipment Management	Web Management TFTP FTP NTP System Log Ping

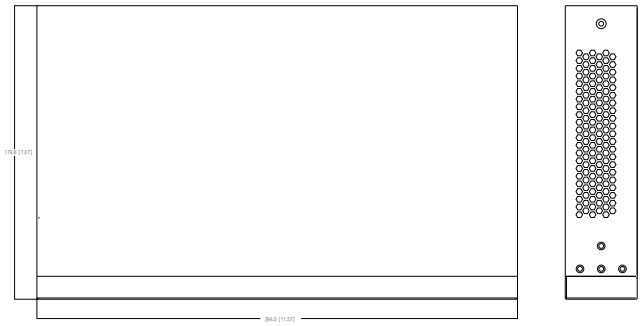
Performance

Default Number of Manageable APs	64
Maximum Number of Manageable APs	64
Maximum Number of Configurable APs	64
Users Capacity	2K
Firewall	500 Mbps
Encryption	500 Mbps
Forwarding Capability	500 Mbps
CPU Frequency	880 MHz
Processor	Dual core
MTBF	40,000 hours
Memory	256 MB
Flash	16 MB
Packet Buffer Size	2 MB
MAC Address List	1024
Entries of MAC Address Filtering Table	32
IPv4 Forwarding	1 Gbps
Static Routes	200
Max. Number of Static DNS Records	256
Max. Number of DDNS Records	4
Static ARP	1K
Dynamic ARP	2K
ACL	1K
L2TP Users	128
Max. Number of Tunnels	128
Max. Number of Sessions	128
Max. Number of Concurrent Connections	200K
New Connections	6K
Max. Number of Virtual Servers	100
Max. Number of Port Triggering	20
Aging Time of Port Triggering	10 min
Number of NAT	30

General

Operating Temperature	–20 °C to +55 °C (–4 °F to +131 °F)
Operating Humidity	5%–95% (RH), non-condensing
Storage Temperature	–40 °C to +70 °C (–40 °F to 158 °F)
Storage Humidity	5%–95% (RH), non-condensing
Statics Protection	Air discharge: 8 kV; Contact discharge: 6 kV
Lighting Protection	Common mode: 2 kV; Differential mode: 1 kV
Net Weight	1.42 kg (3.13 lb)
Gross Weight	1.86 kg (4.10 lb)
Product Dimensions	294 mm × 180 mm × 44mm (11.57" × 7.09" × 1.73") (L ×W × H)
Packaging Dimensions	325 mm × 241 mm × 81 mm (12.80" × 9.49" × 3.19") (L × W × H)
Installation	Desktop mount
Certifications	CE; FCC

Dimensions (mm [inch])



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