

# DH-ERC210-P

## Router



- All-in-One Gigabit PoE Router
- Multi WAN-port mode.
- EAP Series AP Management.
- Flexible Forwarding Modes.
- Smart Roaming Features.
- Various kinds of network authentication methods.
- Devices can quickly access the DoLink Care platform and be remotely managed on it.



### Series Overview

DH-ERC Series Cloud Managed Router offers centralized management and control of DH-EAP series wireless APs. With quick cloud access and remote management on DoLink Care, this device supports automatically generating the topology and adjusting device signal parameters according to the wireless environment. It also features security management, fast roaming, flexible QoS control. With excellent wired and wireless integrated access capabilities, the device is widely used in diverse network deployment scenes.

### Functions

#### All-in one Router

Performs routing and switching, and supports AP management, making it convenient for networking and testing.

#### Smart Wireless Networking

Works with AP, and performs distributed networking, and unified operation and maintenance. The device provides wide Wi-Fi coverage, seamless roaming and is plug and play.

#### All-Gigabit Ports

Designed with large buffer memory and all-Gigabit ports, enabling high-definition access of large stream.

#### One Network

Integrated CCTV and IT network.

#### Quick Deployment

Easy and quick network setup.

#### Efficient Maintenance

Maintenance through topology, with abundant functions for hassle-free device services.

### Security Guarantee

24/7 network security for fully linked devices, data and networks.

## Technical Specification

## Hardware

Modular Switch/Fixed Switch	Fixed
PoE Power Supply	Yes
PoE Power	Port 1-8≤30W, Total power≤64W
Ethernet Port	10
Ethernet Port Speed	10/100/1000 Mbps
LAN Port	9 × 10/100/1000 Mbps (1 LAN port can be switched to WAN port)
WAN Port	1 × 10/100/1000 Mbps
Reset Button	Yes
Power Supply	54 VDC, 1.4 A
Dual Power Supplies	No
Power Consumption	<10 W

## Function

802.11 LAN Protocols	802.11k; 802.11v
CAPWAP	Yes
Roaming	Yes
Forwarding	Local forwarding
User Isolation	Yes
User Management	Yes
STA RSSI Threshold	-90 dBm
RF Management	100%; 50%; 25%
PoE Protocol	IEEE 802.3af; IEEE 802.3at
PoE Power Consumption Management	Priority
PoE Pin Assignment	12+; 36-
WAN Port Function	PPPoE; DHCP; Static IP
Multi-WAN Load Balancing	Yes
Link Detection	Yes
IP Routing	Yes
VPN	Yes
Multicast	Yes
DHCP Function	Yes
Security	Firewall
ARP	Yes
QoS/ACL	Yes
Equipment Management	Yes

## Performance

Default Number of Manageable APs	64
----------------------------------	----

Maximum Number of Manageable APs	64
Maximum Number of Configurable APs	64
Users Capacity	128
Maximum Number of Clients Supported by the Built-in Portal	128
Maximum Number of Wireless Users	128
Inter-AC Roaming Switch Time	<20 ms
Firewall	200 Mbps
Encryption	200 Mbps
Forwarding Capability	1000 Mbps
CPU Frequency	880 MHz
Processor	2
MTBF	>250,000 hours
Memory	512 MB
Flash	16 MB
MAC Address List	8196
Entries of MAC Address Filtering Table	128
IPv4 Forwarding	1000 Mbps
Static Routes	100
Max. Number of Static DNS Records	1000
Max. Number of DDNS Records	1
Static ARP	128
Dynamic ARP	8196
ACL	100
Max. Number of Tunnels	100
Max. Number of Sessions	200000
Max. Number of Concurrent Connections	200000
Max. Number of Virtual Servers	100
Number of NAT	100

## General

Operating Temperature	0 °C to +40 °C (+32 °F to +104 °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
Lightning Protection	Common mode: 2 kV; Differential mode: 1 kV
Net Weight	0.46 kg (1.01 lb)
Gross Weight	0.98 kg (2.16 lb)
Product Dimensions	190 mm × 97.5 mm × 29.5 mm (7.48" × 3.84" × 1.16") (L × W × H)
Packaging Dimensions	225 mm × 216 mm × 66 mm (8.86" × 8.50" × 2.60") (L × W × H)
Installation	Desktop mount
Certifications	CE

Certifications

Certifications	CE
----------------	----

Ordering Information

Type	Model	Description
Edge Router	DH-ERC210-P	Router

Installation



Dimensions (mm[inch])

