

DH-AR506-E

L3 Managed Enterprise Router



- 2 WAN ports, 4 LAN ports, 2 USB 2.0 ports, and 1 Console port.
- High-performance multi-core CPU that enhances the ability of the system to deal with concurrent processes.
- Adapts to the iLinksView platform.
- Excellent security functions.



Multi-WAN
Load Balancing



Network
Security Control



VPN Tunnel



24/7

System Overview

AR series routers are designed with advanced software architecture and high-performance processors that combine to provide you with high bandwidth, VPN services, and a brand new service experience. These routers are mainly used in scenarios that require high-speed internet access, making them ideal for use in a wide variety of scenarios, such as in small and medium-sized enterprises, government buildings, schools, and hospitals.

Functions

Multi-WAN Load Balancing

Supports multiple WAN link load balancing modes based on carrier destination IP address, WAN link bandwidth, and policy-based routing.

Network Security Control

Supports URL filtering for HTTP and HTTPS, website blocklist and allowlist, fuzzy keyword matching, and IP-based network traffic limiting and NAT entry limiting.

VPN Tunnel

Supports IPSec VPN and multiple encryption algorithms. It is convenient for enterprises to use to build virtual private networks through the Internet. It also supports L2TP VPN, LNS and LAC modes.

24/7

Thanks to the excellent architecture, operating reliability is increased. The switch can keep running all the time.

Scene

medium-sized enterprises, government buildings, schools, and hospitals.

Technical Specification

Hardware

Ethernet Port Speed	1 Gbps
Description of Function Slots	GE 0: 1 × RJ-45 10/100/1000 Mbps (WAN) GE 1-3: 4 × RJ-45 10/100/1000 Mbps (LAN, can be configured as WAN ports) SFP 5: 1 × SFP 10/100/1000 Mbps (WAN)
Debugging	1 × USB 2.0 1 × Console
Power Supply	Built-in power supply: 100–240 VAC, 50/60 Hz
Operating Temperature	0 °C to +45 °C (+32 °F to +113 °F)
Operating Humidity	5%–95% (RH)
Power Consumption	Full load: 24 W

Performance

Management Type	Yes
MTBF	50,000 hours
Dynamic ARP	4000

Reliability

Reliability	LDP, Static LSP; L3VPN: Multiprotocol MPLS VPN (Option 1/2/3), nested MPLS VPN, hierarchy of PE (HoPE), CE dual-homing, MCE, multi-role host and more; L2VPN: Martini, Kompella, CCC, and SVC; MPLS TE, RSVP TE; VRRP, VRRPv3; Multi-link for load balancing and backup; Association between NQA and routing/VRRP/interface backup, and it realizes end-to-end link detection and backup
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Security

Security	PORTAL, 802.1x; Local authentication, RBAC, RADIUS, TACACS+; ASPF, ALC, FILTER, domain-based firewall, connections restriction, IPS; IKE/IPSec VPN, ADVPN, GDVPN, L2TP VPN, GRE VPN; NAT/NAPT, PKI, RSA, URPF; DDoS attack prevention, ARP anti-attack, URL filtering; Endpoint Admission Defense (EAD); Deep Packet Inspection (DPI), which limits speed and filters data traffic
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Management & Maintenance

Equipment Management	SNMP v1/v2c/v3, TR069, SYSLOG, RMON; Telnet, SSHv1.5/2.0, FTP; Embedded Automation Architecture (EAA) CLI management, file system management, Dual Image; Test NQA based on DHCP, FTP, HTTP, ICMP, UDP public, UDP private, TCP public, TCP private, and SNMP
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General

Product Dimensions	360 mm × 300 mm × 44.2 mm (14.17" × 11.81" × 1.74") (L × W × H)
Packaging Dimensions	500 mm × 390 mm × 118 mm (19.68" × 15.35" × 4.65") (L × W × H)

Dimensions (mm[inch])

