

HD2 Dome



Quick Look

Number of Ethernet WAN port	No	
Number of Ethernet LAN port	1 (GE)	
Router Throughput	NA	
SpeedFusion VPN Throughput (No Encryption)	100Mbps ^[1]	[1] Router Throughput and PepVPN/SpeedFusion Throughput is based on Ethernet frame sizes of 1280 or 1518 bytes. Actual performance can vary across different networking environments. Figures apply to the latest hardware revision. The throughput result is tested with DHCP/Static IP.
SpeedFusion VPN Throughput (256-bit AES)	60Mbps ^[1]	[1] Router Throughput and PepVPN/SpeedFusion Throughput is based on Ethernet frame sizes of 1280 or 1518 bytes. Actual performance can vary across different networking environments. Figures apply to the latest hardware revision. The throughput result is tested with DHCP/Static IP.
Number of Cellular Modem	2	

Interfaces

Maximum Ethernet WAN / LAN port configuration	0 WAN with 1 LAN	
SFP LAN / WAN	No	
Serial Interface	No	
Wi-Fi AP	No	
Wi-Fi WAN	No	
USB WAN	No	
Module Expansion	No	

Performance

Number of Recommended Users **25–150**

Maximum Number of Controlled AP / Switch **30 / 50** ^[2]

[2] 50 AP is available as a license add-on (AP-LC-50).

Wireless details

Cellular Modem Category options **2x CAT-4 ,
2x CAT-6,
1x CAT-6 + 1x CAT-12 ,
2x CAT-12**

5G support **No**

SIM Slots **4**

SIM Card Size **Mini-SIM (2FF)**

Wi-Fi Radio **No**

Wi-Fi Antenna Transmit Power (2.4GHz, single chain) **No**

Wi-Fi Antenna Transmit Power (5GHz, single chain) **No**

Multiple SSIDs **No**

GPS **Yes**

RemoteSIM (used in SIM Injector) **Yes**

FusionSIM **Yes**

Peplink eSIM Data Plans **No**

BYO eSIM **No**

Features

SpeedFusion Hot Failover **Yes**

SpeedFusion Smoothing **Yes**

SpeedFusion Bandwidth Bonding **Yes**

SpeedFusion Connect **Yes** ^[3]

[3] CarePlan subscription includes 1TB/year complimentary SpeedFusion Connect Usage data.

SpeedFusion Relay Mode (Server) **Yes**

Drop-In Mode **No**

High Availability **Yes**

Peplink AP Series Management **Yes**

Remote AP & Multiple Config Profiles Management **No**

Switch Controller **Yes**

WAN as LAN **No**

LAN Bypass **No**

InTouch **Yes**

Virtual WAN **Yes** ^[4]

[4] Up to 3 Virtual WAN upon purchasing Virtual WAN Activation Licence.

Synergy Mode (Controller) **Yes**

Synergized Device **Yes**

Application and Web Blocking **Yes**

Web Content Filtering **Full**

IP Passthrough **Yes** ^[5]

[5] Available for Firmware 8.5.0 or above.

IPv6 **Yes**

x.509 Certificate **Yes**

Captive Portal **Yes**

GPIO	No
Ignition Sensing	No
Netflow Support	Yes
LACP (802.3ad) NIC Bonding	No
Jumbo Frame Support	No
Internal Storage for Edge Computing	No
External Storage via USB Port	No
Dead Reckoning	No

Core Functionality

Inter-VLAN Routing	Yes
802.1q VLANs Supported	128
Port-Based VLAN	Yes
Load Balancing Algorithms	8
Load Balancing & Failover	Yes
Inbound Load Balancing	No
InControl 2 Cloud Management	Yes
InControl GPS Fleet Management	Yes

Advanced QoS Functionality

Bandwidth Usage Monitoring	Yes
QoS for VoIP and E-Commerce	Yes
User Groups Bandwidth Control	Yes

VPN Functionality

SpeedFusion VPN	Yes
Number of SpeedFusion VPN Peers	2
IPsec VPN	Yes
Number of IPsec Tunnels	5
L2TP VPN / Open VPN / PPTP VPN Server	Yes
Maximum PPTP / L2TP / OpenVPN Users	15
Remote RADIUS / LDAP authentication in Remote User Access	Yes
Number of OpenVPN Tunnel (Site to Site)	5
Number of GRE Tunnel (Site to Site)	5

Hardware

Enclosure	Outdoor, IP67, Metal	
4pin Molex Micro-Fit Connector	No	
Terminal Block Power Connector for Mobile / Vehicular Deployment	No	
AC Adapter or PSU	No	
Input voltage	PoE: DC 48–56V	
PoE Input	Yes ^[6]	[6] 1x 802.3at PoE.
PoE Output	1x 802.3af PoE (with Ethernet Splitter)	

USB Power Input	No
Nominal Power Consumption	NA
Maximum Power Consumption	20W
Dimensions in inches	4.33 inches (radius) x 4.53 inches (height)
Dimensions in mm	110 mm (radius) x 115 mm (height)
Weight (Pound)	With Ethernet Splitter: 3.75 pounds, Without Ethernet Splitter: 2.65 pounds
Weight (Gram / Kilogram)	With Ethernet Splitter: 1.7 kg, Without Ethernet Splitter: 1.2 kg
Operating Temperature	-40°–149°F, -40°–65°C
Humidity	15%–95% (non-condensing)
Rack-mount	No
Dual Hot Swap Power Supply	No

Warranty Info

Warranty	1-Year Limited Warranty
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