HD1 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**
SpeedFusion VPN Throughput (256-bit AES)	**60Mbps**
Number of Cellular Modem	**1**

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 AP Supported	**30 / 50** [1]

[1] 50 AP is available as a license add-on (AP-LC-50).

Wireless details

Cellular Modem Category options	**1x CAT-18, 1x CAT-20, 1x 5G**
5G support	**Yes**
SIM Slots	**2**
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	**No**
Peplink eSIM Data Plans	**No**

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BYO eSIM   **No**

Features

SpeedFusion Hot Failover   **Yes**

SpeedFusion Smoothing   **Yes**

SpeedFusion Bandwidth   **Yes**
Bonding

SpeedFusion Connect   **Yes** [2]   [2] CarePlan subscription includes 1TB/year
                                                       complimentary SpeedFusion Connect Usage data.

SpeedFusion Relay Mode   **Yes**
(Server)

Drop-In Mode   **No**

High Availability   **Yes**

Peplink AP Series   **Yes**
Management

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

WAN as LAN   **No**

LAN Bypass   **No**

InTouch   **Yes**

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

Synergy Mode (Controller)   **Yes**

Synergized Device   **Yes**

Application and Web   **Yes**
Blocking

Web Content Filtering   **Lite**

IP Passthrough	**Yes**
IPv6	**Yes**
x.509 Certificate	**Yes**
Captive Portal	**Yes**
GPIO	**No**
Ignition Sensing	**No**
Netflow support	**Yes**
LACP (802.3ad) NIC Bonding	**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

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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 [4]**
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**

[4] 1x 802.3at PoE.

Humidity	**15%–95% (non-condensing)**
Rack-mount	**No**
Dual Hot Swap Power Supply	**No**

Warranty Info

Warranty	**1-Year Limited Warranty**