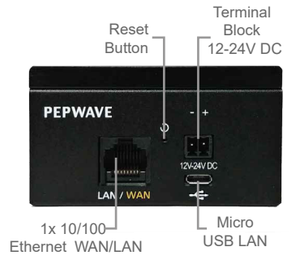
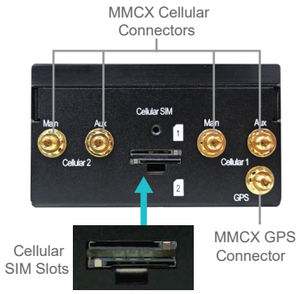
## Specifications

| | SpeedFusion Engine |
|---|---|
| WAN Interface | 1x FE<br>1 or 2x Embedded LTE Modems |
| LAN Interface | 1x FE<br>1x USB Port |
| USB LAN Port | Micro-USB B |
| Router Throughput | 100Mbps |
| Recommended Users | 1-60 |
| LTE Modem | Downlink/Uplink Datarate:<br>100Mbps/50Mbps |
| LTE-A Modem | Downlink/Uplink Datarate:<br>300Mbps/50Mbps |
| Cellular and GPS Antenna Connector | 4x MMCX Antenna Connectors<br>1x MMCX GPS Antenna Connector |
| Power Input | Terminal Block 12V-24V DC |
| Power Consumption | 15W (max.) |
| Dimensions | 2.95 x 3.25 x 1.65 inches<br>75 x 83 x 42 mm |
| Weight | 0.77 pound<br>350 grams |
| Operating Temperature | -40° – 149°F<br>-40° – 65°C |
| Humidity | 15% – 95% (non-condensing) |
| Certifications | FCC, CE, RoHS, E-Mark<br>EN 61373: 2010 - Shock and Vibration Resistance<br>EN 50155: 2007 - Railway Applications - Electronic Equipment used on Rolling Stock |
| Warranty | 1-Year Limited Warranty |
| Package Content | SpeedFusion Engine, Terminal Block,<br>1x Ear Mount Set (ACW-769) |




## Ordering Information

| | Product Code | Carrier/Region | Modems | Cellular Standard | 4G Bands/Frequencies (MHz) | 3G Bands/Frequencies (MHz) |
|---|---|---|---|---|---|---|
| LTE | SFE-DUO-LTE-US-ET | US/Americas/CAT-3 | 2 | LTE | B2, B4, B5, B13, B17, B25 | WCDMA/HSPA+/DC-HSPA+:<br>B1, B2, B4, B5, B8<br>EV-DO Rev.A: BC0, BC1, BC10 |
| LTE | SFE-LTE-E-ET | Europe/International/<br>CAT-4 | 1 | LTE | B1, B3, B5, B7, B8, B20, B38 (TDD),<br>B40(TDD), B41 (TDD) | WCDMA/HSPA+/DC-HSPA+: B1, B5, B8 |
| LTE | SFE-DUO-LTE-E-ET | Europe/International/<br>CAT-4 | 2 | LTE | B1, B3, B5, B7, B8, B20, B38 (TDD),<br>B40(TDD), B41 (TDD) | WCDMA/HSPA+/DC-HSPA+: B1, B5, B8 |
| LTEA | SFE-DUO-LTEA-W-ET | Worldwide/CAT-6 | 2 | LTE Advanced | B1, B2, B3, B4, B5, B7, B8, B12, B13,<br>B20, B25, B26, B29, B30, B41 | WCDMA/HSPA+/DC-HSPA+:<br>B1, B2, B3, B4, B5, B8 |
| LTEA | SFE-DUO-LTEA-P-ET | Asia Pacific/CAT-6 | 2 | LTE Advanced | B1, B3, B5, B7, B8, B18, B19, B21<br>B28, B38, B39, B40, B41 | WCDMA/HSPA+/DC-HSPA+:<br>B1, B5, B8, B9, B19<br>UMTS: B6<br>TD-SCDMA: B39 |

### Accessories

| Product Code | Description |
|---|---|
| SIM-BK8-4E-56V | SIM Injector, 8x SIM cards capacity, 4x 10/100/1000 LAN ports, 56V DC |

peplink | PEPWAVE

www.peplink.com

©Peplink. All rights reserved.

Ref no.: speedfusion-engine-202012-v7

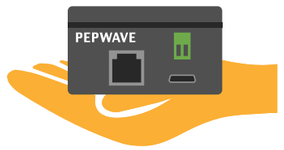
# SpeedFusion Engine

## Integrate SpeedFusion SD-WAN Into Any System

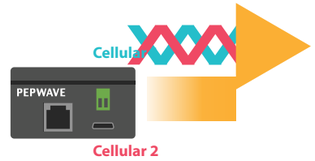
peplink | PEPWAVE

You have a product that needs to get connected anytime, anywhere. The best solution is to integrate unbreakable connectivity into your product. The Speed-Fusion Engine helps you integrate SpeedFusion SD-WAN into your product, overcoming several key challenges:

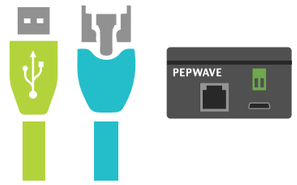
### Need to Minimize Footprint and Weight




### Cellular Coverage and Network Stability Not Guaranteed




### Integrating Cellular Connectivity is Complex




### Ultra-Compact SpeedFusion SD-WAN

The SpeedFusion Engine fits in the palm of your hand, making it easy to integrate into your existing products.

### Combine the Bandwidth of 2 Cellular Connections

With a Peplink router at HQ, SpeedFusion SD-WAN technology combines 2 cellular connections to ensure reliable connectivity, no matter where you deploy.

### Plug-n-Play Integration, Low Power Consumption

With an Ethernet port, a USB port, and 10W consumption, the SpeedFusion Engine can integrate with your devices - without complicated software porting.