

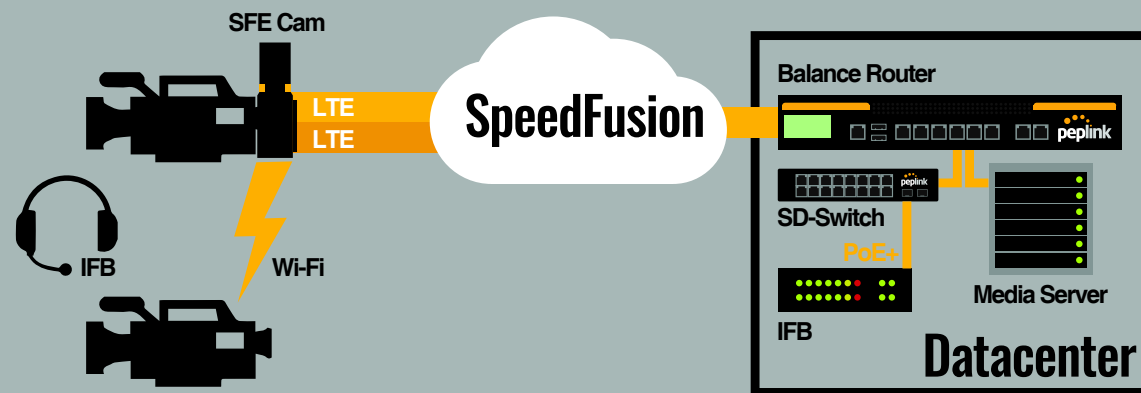
# Live News Coverage



In this deployment, the SpeedFusion Engine Cam (SFE Cam) streams the video to the data-center using the combined bandwidth of two LTE connections, ensuring reliable and consistent connectivity. The video stream is received by a Balance router at the datacenter and forwarded to the media server for decoding and post-processing. Within the SpeedFusion connection, WAN Smoothing and FEC mitigate the effects of packet loss, ensuring smooth and consistent video streaming. Each cellular connection supports a redundant SIM card, so you can choose between four carriers.

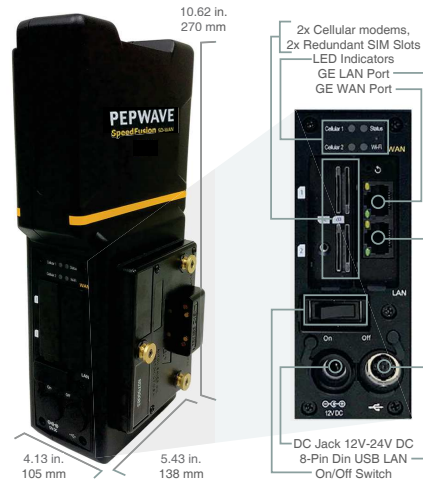
The SFE Cam connects directly to your IP camera using the Gold Mount or V-Mount and the RJ45 Ethernet LAN port, enabling you to quickly set up and live stream from anywhere. The SFE Cam is equipped with a Wi-Fi radio which can either be used as another WAN for bandwidth bonding or as a hotspot to connect another IP camera.

\*Cameras must have built-in streaming encoder with LAN or Wi-Fi connectivity.



# Specifications

| SpeedFusion Engine Cam                        |  |
|---|--|
| WAN Interface                                 | 1x GE<br>2x Embedded LTE-A Modems with Redundant SIM Slots   |
| LAN Interface                                 | 1x GE<br>8-Pin Din USB   |
| Wi-Fi Interface                               | 2x2 MIMO 802.11ac AP and WAN ^   |
| Router Throughput                             | 400 Mbps   |
| PepVPN/SpeedFusion Throughput (No Encryption) | 100 Mbps   |
| PepVPN/SpeedFusion Throughput (256-bit AES)   | 60 Mbps  |
| LTE Modem                                     | Downlink/Uplink Datarate:<br>100 Mbps/ 50 Mbps   |
| LTE-A Modem                                   | Downlink/Uplink Datarate:<br>300 Mbps/ 50 Mbps   |
| Cellular and GPS Antennas Connector           | Internal Cellular, Wi-Fi and GPS Antennas  |
| Power Input                                   | DC Jack 12V-24V DC<br>SFE-CAM-AB: Anton Bauer Gold Mount<br>SFE-CAM-VM: V-mount  |
| Power Consumption                             | 18 W (max.)  |
| Dimensions                                    | 10.62 x 5.43 x 4.13 inches<br>270 x 138 x 105 mm   |
| Weight  | 4.41 pounds<br>2.0 kg  |
| Operating Temperature                         | -40 ° - 113 °F<br>-40 ° - 45 °C  |
| Humidity                                      | 15% - 95% (non-condensing)   |
| Certifications                                | FCC, CE, RoHS, E-Mark<br>EN 55032: 2015 - Electromagnetic Compatibility of Multimedia Equipment<br>EN 61000, EN55024, EN62311, EN60950 |
| Warranty                                      | 1-Year Limited Warranty  |



^ Simultaneous Wi-Fi WAN and AP can only function on one of the spectrums (either 2.4 or 5GHz)

# SpeedFusion Engine Cam

## Integrated Dual-Cellular Bonding for Professional IP Cameras



## Unbreakable Video Streaming



The SpeedFusion Engine Cam (SFE Cam) uses SpeedFusion bandwidth bonding technology to combine the reliability and bandwidth of two cellular connections and Wi-Fi, giving you rock solid data link for live streaming\*. With redundant SIM slots, the SFE Cam gives you a total of four SIM cards to select from. WAN Smoothing and FEC protect your video stream from the effects of packet loss.



\*Cameras must have built-in streaming encoder with LAN or Wi-Fi connectivity.

## Portable, Integrated

The SFE Cam is a self-contained unit with everything you need for unbreakable video streaming, including enclosed antennas. It is powered by Gold Mount or V-Mount and connected using RJ45 Ethernet LAN, making the set-up process fast and simple. With everything integrated into the IP camera, reporters have the speed and mobility needed to quickly capture live news, wherever it may occur.



Enclosed Antenna for Durability

Power: Gold Mount or V-Mount

Connectivity: RJ45 Ethernet

## Ordering Information

| Product Code      | Carrier/Region | Modems | Connector             | 4G Bands   | 3G Bands   |
|-------------------|----------------|--------|-----------------------|--|--|
| SFE-CAM-AB-LTEA-W | Worldwide      | 2      | AntonBauer Gold Mount | B1, B2, B3, B4, B5, B7, B8, B12, B13, B20, B25, B26, B29, B30, B41 | WCDMA/HSPA+/DC-HSPA+: B1, B2, B3, B4, B5, B8                           |
| SFE-CAM-AB-LTEA-P | Asia Pacific   | 2      | AntonBauer Gold Mount | B1, B3, B5, B7, B8, B18, B19, B21, B28, B38, B39, B40, B41         | WCDMA/HSPA+/DC-HSPA+: B1, B5, B8, B9, B19<br>UMTS: B6<br>TD-SCDMA: B39 |
| SFE-CAM-VM-LTEA-W | Worldwide      | 2      | V-Mount               | B1, B2, B3, B4, B5, B7, B8, B12, B13, B20, B25, B26, B29, B30, B41 | WCDMA/HSPA+/DC-HSPA+: B1, B2, B3, B4, B5, B8                           |
| SFE-CAM-VM-LTEA-P | Asia Pacific   | 2      | V-Mount               | B1, B3, B5, B7, B8, B18, B19, B21, B28, B38, B39, B40, B41         | WCDMA/HSPA+/DC-HSPA+: B1, B5, B8, B9, B19<br>UMTS: B6<br>TD-SCDMA: B39 |

## Mobile Wireless Hub



With its Wi-Fi radio, the SFE Cam turns your IP camera into a portable hotspot with VPN access to headquarters. You can use this hotspot to connect laptops to begin post-processing, or even connect another IP camera for video streaming. Having a hotspot that travels with your IP camera gives you additional flexibility when and where you need it the most.

## Centrally Manage Data Plans, Track Location

Use GPS to track the location of each IP camera, ensuring that the event is covered from all angles. For deployments involving multiple IP cameras and pooled SIM data, you can use the InControl central management platform to monitor SIM card data usage. If your network goes over the bandwidth limit on any SIM card or SIM pool, you will receive e-mail notifications.

