

# Specifications

SpeedFusion Engine Cam	
WAN Interface	1x GE 2x Embedded LTE-A Modems with Redundant SIM Slots
LAN Interface	1x GE 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: 100 Mbps/ 50 Mbps
LTE-A Modem	Downlink/Uplink Datarate: 300 Mbps/ 50 Mbps
Cellular and GPS Antennas Connector	Internal Cellular, Wi-Fi and GPS Antennas
Power Input	DC Jack 12V-24V DC SFE-CAM-AB: Anton Bauer Gold Mount SFE-CAM-VM: V-mount
Power Consumption	18 W (max.)
Dimensions	10.62 x 5.43 x 4.13 inches 270 x 138 x 105 mm
Weight	4.41 pounds 2.0 kg
Operating Temperature	-40 ° – 113 °F -40 ° – 45 °C
Humidity	15% – 95% (non-condensing)
Certifications	FCC, CE, RoHS, E-Mark EN 55032: 2015 - Electromagnetic Compatibility of Multimedia Equipment 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.



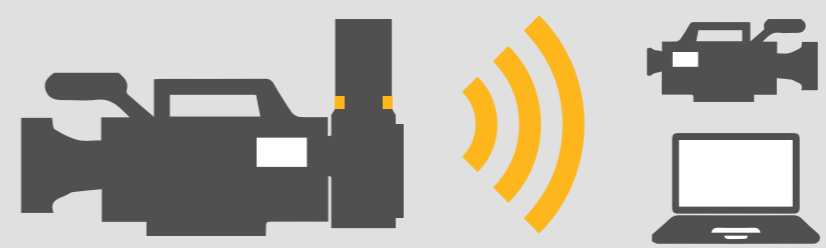
\*Cameras must have built-in streaming encoder with LAN or Wi-Fi connectivity.

### 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.



### Mobile Wireless Hub



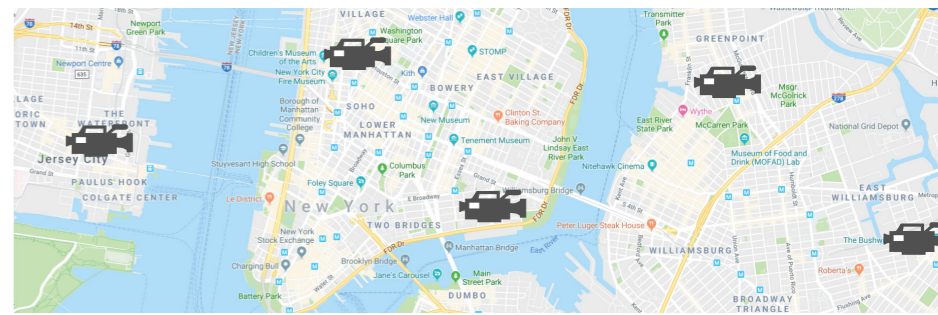
With its Wi-Fi radio, the SFE Cam turns your IP camera into a portable hotspot with VPN access to headquarters. You can use this hotspot to connect laptops to begin post-processing, or even connect another IP camera for video streaming. Having a hotspot that travels with your IP camera gives you additional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

### Ordering Information

Product Code	Carrier/Region	Modems	Connector	4G Bands		3G Bands	
				4G Bands	3G Bands		
SFE-CAM-AB-LTE-A-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-LTE-A-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 UMTS: B6 TD-SCDMA: B39		
SFE-CAM-VM-LTE-A-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-LTE-A-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 UMTS: B6 TD-SCDMA: B39		

### 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.



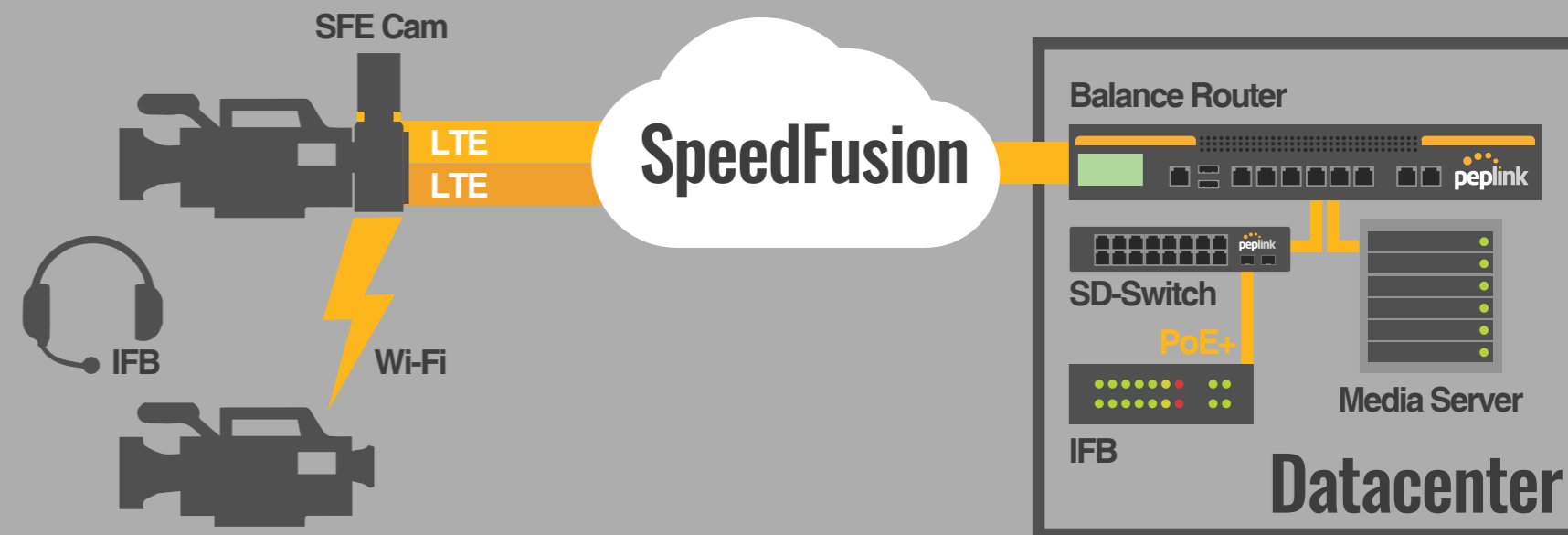


# Live News Coverage



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.