

# SFM-CAM2-VM

## ProHD dockable wireless bridge cellular uplink

The perfect streaming addition for any JVC IP camcorder! The ProHD Dockable Bridge is a powerful bonded cellular hotspot that docks directly to your 800 or 900 series camcorder and features Peplink's patented SpeedFusion™ technology. The SFM-CAM2 bonds multiple cellular and Wi-Fi connections enabling you to send digital video at greater speeds than you could achieve with a single modem and at a fraction of what it would cost using traditional satellite. And even while docked to a single camera, this unit provides the power and connectivity that lets you stream from multiple cameras to HD-SDI decoders or servers at a central location. It's provided with dual cellular modems with redundant SIM slots and dual band Wi-fi letting you to use up to four different providers for bandwidth bonding, data overage protection or eliminating blind spots. Plus the unit's Wi-fi-First feature can bond to local or public hotspots to save on data costs.

In addition to live streaming, it functions as a secure hotspot for connecting computers, tablets, smartphones and other devices to the internet or to your enterprise LAN with a secure VPN.

When used with IP capable JVC Connected Cam & ProHD, PTZ, and 4KCAM cameras, you now have not only streaming, but full remote camera control and IFB audio on select models. The Bridge snaps onto JVC's GY-HC900, GY-HM850 and GY-HM890U cameras between the battery and camera head, and plugs into the USB port. Connect undocked to other IP cameras using Wi-Fi, USB or ethernet. Then, turn it on and watch the viewfinder status for the streaming indication. You're on the air!

The ProHD Dockable Bridge is available as the SFM-CAM2-VM, with V-mount battery. Batteries are not included.



### FEATURES

- Robust bonded LTE-Advanced connection for multiple streaming cameras, encoders and decoders\*
- Global LTE coverage for worldwide operation
- Wi-Fi-First feature bonds to local or public hotspots when available to reduce cellular data charges
- Docks directly to JVC's GY-HC900 and 800 series camcorders. Use detached for other IP camera models.
- Totally self contained—no modems strapped on
- V-mount battery (battery & charger optional)
- Dual embedded cellular and redundant SIM slots
- Accepts SIMs from T-Mobile, Vodafone, O2 and many others.
- Aggregates up to four network links (Cell x2, plus Wi-Fi or ethernet)\*
- Internal MIMO high efficiency antennas
- Wi-Fi connection for multiple IP cameras and devices (number of streaming cameras depends on available bandwidth)
- Webcasting HW/SW devices via LAN or Wi-Fi
- Stream live video to Facebook, YouTube or any other CDN
- Powerful internet hotspot for computers, smart devices
- Two RJ-45 connectors for wired LAN connections.
- Extends enterprise LAN into the field with a secure VPN
- GPS receiver provides location to central server
- Full command console control of all of your cameras and remote cellular bridges

*\*Requires optional aggregating router such as the BPL-210 or BPL-380 at facility (or in cloud.)*

For further information, please contact your JVC representative or visit the JVC website at [www.jvcpro.eu](http://www.jvcpro.eu).

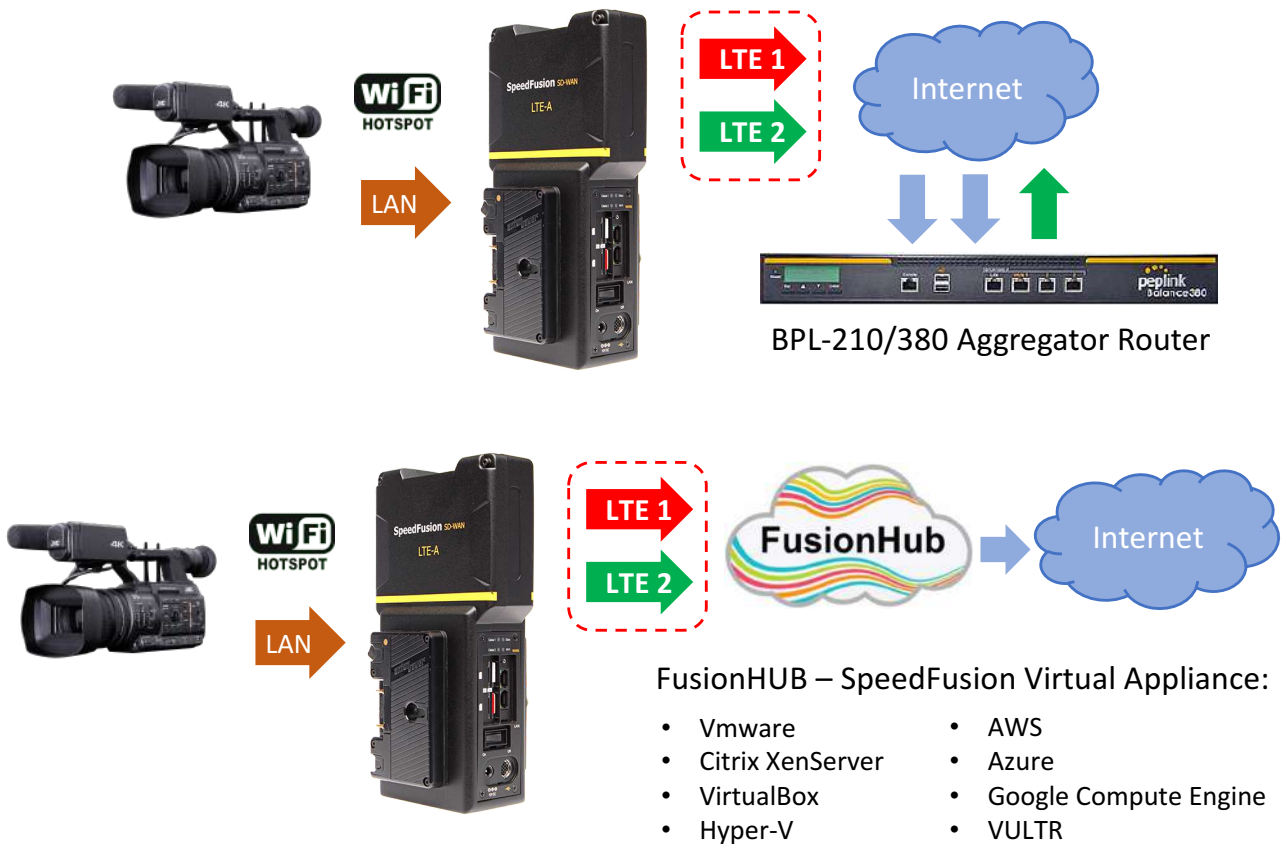
# JVC

# SFE-CAM – Dual Link Bonded Access Point

Connect multiple cameras and IoT devices



Bonding multiple links require aggregator to recreate standard IP protocol:



# Live Video from any location over IP

- Broadcast
- Live Sports
- Events
- Corporate
- Government
- House of Worship

**Fast**

## CONNECTED CAM™

**Affordable**

JVC cameras feature built-in encoder and IP connectivity.

Our Bonded LTE uplink systems provide bi-directional VPN connection and full *Internet* access.



### Cameras with built-in streaming and connectivity

- |                 |                 |                     |
|-----------------|-----------------|---------------------|
| <b>GY-HC900</b> | <b>GY-HC550</b> | <b>KY-PZ100 PTZ</b> |
| <b>GY-HM660</b> | <b>GY-HC500</b> | <b>GY-HM650</b>     |
| <b>GY-HM250</b> | <b>GY-HM890</b> | <b>GY-HM850</b>     |
| <b>GY-HM200</b> | <b>GY-LS300</b> |                     |

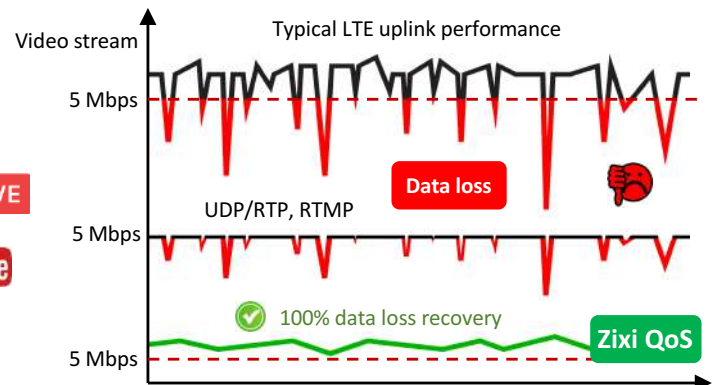
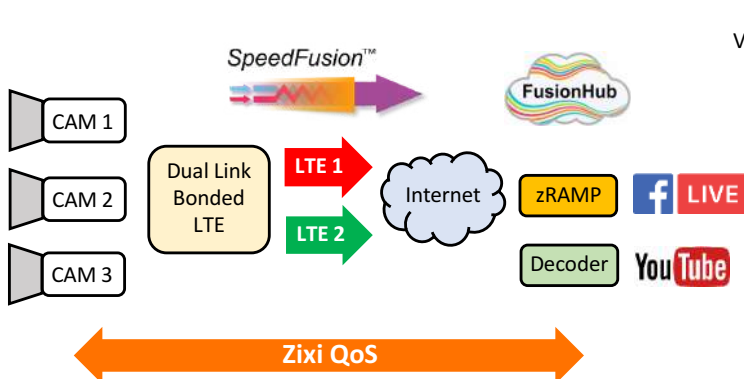


### Bonded LTE uplink systems

- |                    |                                      |
|--------------------|--------------------------------------|
| <b>SFE-CAM</b>     | Dual Link LTE dockable Wi-Fi Hotspot |
| <b>PB-CELL200</b>  | Dual Link LTE portable Wi-Fi Hotspot |
| <b>WB-CELL200A</b> | Dual Link LTE IP67 uplink            |
| <b>WB-CELL410</b>  | Quad Link LTE-A IP67 uplink          |
| <b>WB-MAP100</b>   | Long-range 5 GHz Wi-Fi Hotspot       |
| <b>WB-MCA100</b>   | Long-range camera adapter            |
| <b>HD-65U</b>      | USB Wi-Fi adapter                    |

**Reliable**

Streaming live video from any location over LTE or even Wi-Fi/LAN presents many challenges including bandwidth limitation, packet (data) loss, latency and jitter which may result in the corrupted video. The Internet is a “public” network, shared among millions of users, with unpredictable variations of speed and connection quality. Bonding multiple connections to increase available bandwidth and providing efficient error correction (QoS) to compensate for data loss assure delivery of broadcast-quality video over “public” networks. JVC cameras, IP video servers, and decoders are equipped with Zixi error correction (QoS). Zixi protocol monitors connection quality and applies the dynamic mix of FEC (Forward Error Correction), ARQ (Advanced Repeat reQuest) and Adaptive Bitrate to recover 100% of data in difficult network conditions.



For more information call or email 973-317-5259 [proinfo@us.jvckenwood.com](mailto:proinfo@us.jvckenwood.com)





# Peplink Balance 210

## Multi-WAN routers

The Peplink Balance multi-WAN router delivers unbreakable VPN, SpeedFusion™ bandwidth bonding and a host of other innovative technologies that let you take control of your WAN and improve Internet connectivity, all with one easy-to-manage device.



### Connect up to 13 Links from multiple providers

Connect any combination of DSL, cable, 4G LTE, and 3G links – up to 13 of them, from any ISP for anytime, anywhere connectivity. Whatever mix of connections you choose, the Balance intelligently distributes network traffic over all links connected anywhere on the network. You can also customize traffic flow and service availability with outbound policies and inbound load balancing settings, so you're always in control. And with the Balance's instant, automatic failover between links, you're always online, too.

### Reduce MPLS costs up to 90%

With the Balance and SpeedFusion, you can bond multiple links connected anywhere on your network for VPNs that can add speed and reliability to expensive MPLS deployments or replace them entirely. Because you can combine a variety of affordable DSL, MPLS, cellular, and other WAN links into one secure, high-bandwidth tunnel, you get unprecedented reliability and performance while saving big on connectivity costs.

### SpeedFusion-powered unbreakable VPN

The Balance can bond affordable DSL, cable, cellular, and other WAN links into a single secure and fast VPN tunnel using SpeedFusion technology. Packet-level failover across WANs within VPN tunnels is instant and seamless, so your voice calls and RDP sessions won't be interrupted when the Balance automatically switches between connections.

### Monitor AP usage report and create guest hotspot easily from your Balance

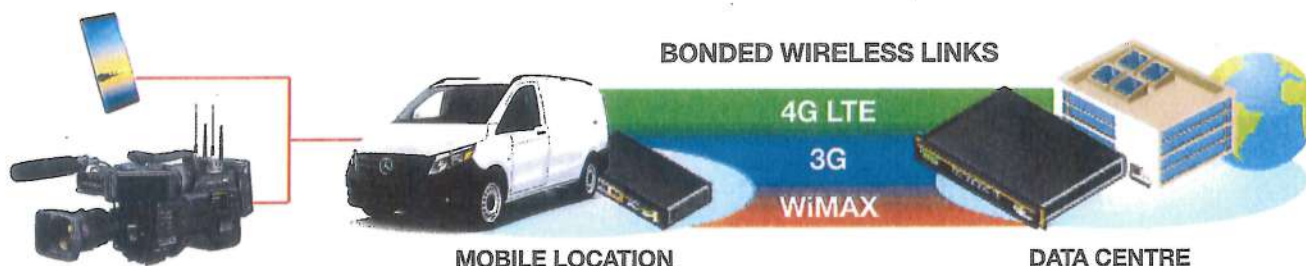
Our AP Controller makes it easy to manage your wireless network from a convenient, intuitive user interface built right into your Balance. You can easily manage your AP with graphical usage reports, and detailed event logs. Setting up a guest hotspot? The Balance's included captive portal and splash screen help you provide a secure, fast, and customised internet experience for everyone.

### Enjoy wired reliability without the wires

SpeedFusion bonds cellular connections from multiple providers, continuously monitoring link connectivity and automatically switching to healthy connections in the event of link failure. meaning your network stays up and running.

### Do More on the road with SpeedFusion.

The speed, reliability and security delivered by SpeedFusion open up a wide range of new mobile VPN applications in demanding, mission-critical fields, such as newscasting and public safety. In addition, transferring large files, such as those generated by digital production, photography, and POS activities, becomes practical and profitable wherever your mobile workforce roams.



### Optimal configuration for ENG applications

Peplink SFM-CAM-VM on JVC CONNECTED CAM or ProHD camcorders via SpeedFusion technology to the Balance router BPL210. BPL210 can handle 2 pairs of SpeedFusion VPN connections, which can be increased via licence up to 5 pairs of connections. For larger systems, other models of Balance router are available. JVC offers the BPL210 in a bundle with the SFM-CAM-VM. Please note: to use the BPL210 you need to have a dedicated network infrastructure.

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# JVC