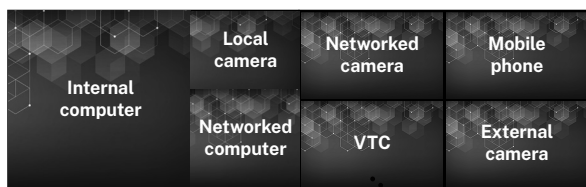# *IPX* Flyaway Kit

A Mobile Ops Center Solution

The *IPX* Flyaway Kit™ is designed for command-and-control applications, combining real-time, low latency video processing, multi-signal encoding/ decoding, built-in and external display, and secure wireless connectivity. At its core is the IPX video processor, which integrates internal and external computer and camera resources, and remote video sources via LAN/WAN connectivity.

The *IPX* Flyaway Kit includes RGB Spectrum's *Zio*® Video-over-IP platform, offering local display for situational awareness and advanced network communications for transmitting a common operating picture to remote facilities and mobile devices.

- **Video Signal Aggregation**: Multiviews up to eight local and remote visual sources for internal and video wall display, and for transmission to remote facilities and mobile devices.

- **Advanced Connectivity:** Bonds together multiple networks via a 4G/5G/LTE/SAT Wi-Fi Gateway for improved network resiliency, enhanced coverage, and increased bandwidth.

- **Plug and Play Integration:** Easily accommodates external PCs, systems, displays, and sensors.

The versatile *IPX* Flyaway Kit is a deployable command-and-control system, hardened for demanding environments. In public safety scenarios, it is well-suited for field ops centers, disaster response teams, off-site events, and mobile command vehicles. In defense applications, it can serve as a tactical command center or a ground control station for unmanned aerial systems (UAS), deployed in its hardened, transportable enclosure or outfitted in a command vehicle. Its internal computer resources can accommodate additional capabilities and enhancements, including secure network communications applications.

The IPX Flyaway Kit

A Mobile Command Center in a Rugged Carry-on Case

VIDEO

Inputs	• 3x HDMI 2.0, up to 3840x2160p60
Outputs	• 2x HDMI 2.0, up to 1920x1080p60
Compression	• H.264/H.265

NETWORKING

Wired LAN	• 2x 1GbE
Wireless LAN	• Wi-Fi 6
Wired WAN	• 1x 1GbE
Wireless WAN	• Model FWK-1001: Bonded, dual-SIM card, wireless backhaul • Model FWK-1002: Data connection over standard cellular service

PC

Operating System	• Windows® 10 Enterprise IoT LTSC 2021, 64bit
Storage	• 256GB M.2 NVMe drive

DISPLAY

Type	• High Bright
Size	• 18.5"
Resolution	• 1920x1080, 60Hz
Brightness	• 1800 cd/m2

PHYSICAL

Dimensions (H x W x D)	• 9 x 22.75 x 14.75 inches (228.6 x 577.85 x 374.65 mm)
Weight	• 39 lbs / 17.7 kg

The *IPX* Flyaway Kit's miniature size, advanced display features, and a sophisticated networking make it an ideal solution for mobile mission-critical applications. 24/7.

RGBSPECTRUM