



Mobile Control Room Solution for Public Safety and Defense

A Rugged, Deployable Command Center in a Box

Alameda, California – October 9, 2024 – [RGB Spectrum®](#), a leading designer and manufacturer of real-time video solutions for defense and public safety, announces the release of the [IPX Flyaway Kit™](#). A complete, miniaturized mobile control room, it provides a comprehensive suite of display and communication capabilities in a rugged, deployable enclosure.

The *IPX Flyaway Kit* is designed for command-and-control applications, combining real-time, low latency video processing, multi-signal encoding/decoding, built-in plus 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 an advanced network for transmitting a common operating picture to remote monitors, video walls, and even mobile devices.

- *Video Signal Aggregation*: Multiview up to eight video signals simultaneously, from internal computer resources and network H.264/.265 decodes.
- *Multi-Domain Network Management*: Manages RAN, SAT, IoT devices, and sensors.
- *Gateway Services*: Facilitates connections between private wireless networks and bonded public/private network uplinks.
- *Advanced Connectivity*: Includes bonded, multi-SIM card, wireless backhaul for improved network resiliency, enhanced coverage, and increased bandwidth.
- *Plug and play integration*: Accommodates external PCs, systems, displays, and sensors via HDMI, DisplayPort, and Ethernet ports.

Included hardware includes 8 internal antennas, a rugged MIL-SPEC computer, an Ethernet switch, and a built-in 19" sunlight readable monitor.

The versatile *IPX Flyaway Kit* is a deployable command-and-control system, ruggedized 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 rugged, 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*'s miniature size, comprehensive features, and ruggedness make it an ideal solution for mission-critical applications. 24/7.

For more information, please visit our website: <https://www.rgb.com/products/ipx-flyaway-kit>.

About RGB Spectrum

RGB Spectrum is a leading designer and manufacturer of mission-critical, real-time audio-visual solutions for civilian, government, and military client bases. The company offers integrated hardware, software, and control systems to satisfy the most demanding requirements. Since 1987, RGB Spectrum has been dedicated to helping our customers achieve *Better Decisions. Faster™*. Learn more at rgb.com.

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