



FOR IMMEDIATE RELEASE

RGB Spectrum and Gemstar Manufacturing Partner to Deliver Tactical Operations Units for Military-Grade Deployments

Purpose-Built Mobile Command Center Designed for Rapid, Reliable Field Operations

Alameda, California – May 14, 2025 – [RGB Spectrum®](#), a global leader in mission-critical video solutions for real-time decision support, announced a collaboration with [Gemstar® Manufacturing](#), a specialist in rugged protective packaging, to deliver the [IPX Flyaway Kit](#) – a lightweight, fully integrated mobile command center designed for mission-critical deployments.

Built for rapid deployment in military, defense, and tactical environments, the *IPX Flyaway Kit* combines RGB Spectrum's *IPX* video processing system with [Gemstar's SENTINEL®](#) ruggedized hard case to ensure high performance in the harshest operational conditions. Together, the two companies are providing field teams with an advanced yet compact solution that delivers powerful visualization, real-time data distribution, and reliable communications – when and where it matters most.

Deployable. Durable. Mission-Ready.

The *IPX Flyaway Kit* is a self-contained mobile command-and-control solution engineered to deliver unmatched video processing, situational awareness, and secure data sharing on the move.

Key features include:

- **Real-time visualization** with RGB Spectrum's [Zio® AV-over-IP platform](#), enabling multiview displays, remote video streaming, encoding/decoding, and video wall control.



- **Plug-and-play integration** with local and remote video sources, sensors, computers, and displays.
- **Ruggedized SENTINEL® enclosure** by Gemstar Manufacturing, offering watertight, shockproof protection in a lightweight, compact form factor.
- **Military-grade deployment readiness**, weighing under 70 pounds and fully operational within minutes.

A Strategic Collaboration for Future-Ready Solutions

“We partnered with Gemstar to build a system that meets the extreme durability and performance needs of defense and tactical teams,” said Dan Marcus, Vice President of New Business Development, RGB Spectrum. “The *IPX Flyaway Kit* is built for the mission — compact, resilient, and ready to deliver situational awareness and secure communications in any environment.”

“Gemstar’s hard cases are designed for exactly this kind of deployment — where reliability is critical and failure is not an option,” said Mark Hedin, President, Gemstar Manufacturing. “We’re proud to work alongside RGB Spectrum to protect and enable advanced technologies that support the warfighter.”

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ABOUT GEMSTAR MANUFACTURING

Gemstar Manufacturing has been an engineering-based solutions provider of hard cases and custom OEM parts for 60 years. The company is a family-owned business supported internally by long-term employees. The firm’s history is rooted in custom manufacturing and the dedication of a customer-centric organization. Gemstar’s mission is “to test the limits of plastic manufacturing and exceed the expectations of customers.” Gemstar’s full-service manufacturing capabilities include industry-leading, vertically integrated manufacturing processes, a fully staffed engineering team, in-house tooling and testing, five-axis routing, and full-service finishing.

ABOUT RGB SPECTRUM

RGB Spectrum is a leading designer and manufacturer of real-time video solutions for mission-critical applications. Specializing in visualization and control systems, RGB



Spectrum serves civilian, government, and military clients worldwide. Learn more about RGB Spectrum's innovative solutions at www.rgb.com.

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