

Falcon 3100

Falcon 3100 is an agile mobile surveillance platform designed for short-term deployments where mobility, visibility, and ease of repositioning matter most. Built for high-sun regions and fast-moving operations, it provides dependable temporary coverage without the need for permanent infrastructure. Its compact form factor and lower-profile design make it easy to deploy, move, and redeploy as site conditions change.

From special events and retail environments to temporary projects and shifting risk areas, Falcon helps organizations place surveillance where it is needed now.



Power is the Platform

The Mobile Pro Falcon 3100 is engineered from the ground up as an integrated power ecosystem, not just battery boxes or generator trailers. Every power source, load, and circuit is managed as part of a unified system designed to keep security online.

Built on that foundation, Falcon helps organizations extend existing security infrastructure with the platforms, tools, and workflows they already trust. The result is remote coverage without adding unnecessary complexity to day-to-day operations.



Falcon Specifications

Trailer

- Travel: 122" x 67" x 101" (LxWxH)
- Deployed w/o solar: 80" x 72" x 18 ft.
- Deployed with solar: 94" x 116" x 18 ft.
- Gross weight rating: 2200 lbs.
- 4 adjustable outriggers
- Removable outrigger handles
- Removable tongue
- 3500# torsion axel w/15" wheels
- DOT compliant

Mast

- Exclusive mast stabilization system
- 18 ft. telescoping mast
- 10 flexible tool free mounting locations
- Top mast: 6 ethernet | 3 power | 2 control
- Mid mast: 3 ethernet | 2 power | 3 control

Power

- 10,500 watt-hour battery
- Optional gasoline generator
- 110 VAC shore power input
- 1200W solar array
- Dashboard monitored and controlled circuits
- Flexible 12V and 24V adaptable outputs
- 150W 110VAC pure sine wave output

Platform Management

- Advanced Interactive Dashboard
- Interactive scheduling
- Configurable event triggering
- Remote arm and disarm control
- Platform status and alert visibility
- Realtime event notifications
- GPS w/ geo fencing

Integrated Technology

Imaging

- PTZ, 360°, fixed, thermal, and ALPR and VMS
- Flexible configurations for site-specific coverage needs

Detection

- Support for analytics, PIR, microwave, dual-motion, radar, and lidar
- Compatibility with wireless sensors and gunshot detection technologies

Communications

- Cellular, mesh/PTP, Wi-Fi, and satellite
- Remote, cloud, and local access configurations

Deterrence & Lighting

- Top mast strobe, body strobe, sirens, horns, and two-way audio
- IR, LED flood, and LED strobe lighting options