

FALCON 3100

ADDED VERSATILITY WITH A SMALLER PROFILE — POWERFUL PLATFORM

The Falcon 3100 powers your security, network and communications technologies. It's smaller size, when compared to the original Commander 3400 system, makes it perfect for rapid or temporary deployment applications. Even with a reduced foot print, this system is still rugged for long-term, day-to-day use in the field. Ideal for law enforcement, crowd control, military, emergency management, transportation/DOTs, education, mining, construction, and more.

KEY FEATURES

- **Fast Setup & Simple Operation**
Pre-wired mast, equipment racking, proprietary Quick Install™ hardware system and tool-less deployment.
- **Extreme Stability**
The vibration-proof mast and outriggers are built to withstand the elements. Plus, the unique mast stabilization system features adjustable levelers.
- **Highly Configurable**
Get automatic operation status with innovative MP Status Technology remote control.
- **Long Deployment**
Capable of operation for weeks between refueling.

OPTIONS

- Multiple cameras, types and manufacturers:
 - Pan, tilt and zoom (PTZ)
 - Fixed
 - Night vision and thermal
- On-board recording solutions
- Remote video status monitoring
- Wireless communications
- IR illuminators
- LED flood lighting
- License Plate Reader (LPR)
- Speed signs
- Digital signage displays

- Alarm detection devices
- One-way or two-way paging
- Mobile mass notification sirens
- Many Quick Install™ mounting options

HYBRID POWER SYSTEMS

Flexible Charging Options:

- Self-charging
 - Allows for long deployments
- Embedded gas generator:
 - Allows access to innovative MP Status Technology, conveniently controlled remotely.
 - Works in conjunction with other battery charging systems.
- Solar
- Shore power



651-434-2333

250 Lothenbach Avenue, West St Paul, MN 55118

www.mobileprosystems.com



FALCON 3100 SPECIFICATIONS

TRAILER

- Travel: 68" x 116" x 105" (W x L x H)
(L = 60" when tongue removed)
- Deployed: 94" x 116" x 19'6"
- Gross weight rating: 2500 lbs.

TOWER

- Telescoping Style Mast - Height: 19'6" telescoping style mast Construction: 4 section telescoping

SUPPORT

- 4 jack stands with adjustable outriggers

RACK MOUNT ENCLOSURE

- Capacity: 6U rack
- Size: 19" standard rack mount 17"D x 12"H
- Environmental rating: power vented
- Mounting: 1-pin removable

ELECTRICAL

- Standard tower cabling:
 - (6) Ethernet
 - Inverter Power – Pure Sine Wave (150 watt)
 - (2) Power 12/24 VDC
 - (2) four-wire control line
 - custom configurations also available

SHORE POWER

- Power source: 120 VAC 800 watt max

BATTERY POWER

- 900 Amp-hour @12VDC AGM battery packs
- 55 Amp smart charge system

SOLAR POWER

- 900 watt solar package

GENERATOR POWER

- 3000 watt gas charge system
- MP Status-controlled charger system
- 4 gallon fuel storage

ROBUST STATUS & CONTROL

- MPStatus dashboard application monitoring:
 - Battery voltage
 - Current power usage
 - Key temperature points
 - Displays active map GPS monitoring
 - Intrusion detection reporting
 - Lighting control
 - Horns/sounders strobes control

OPTIONS

Communications

- Cellular, mesh network, Wi-Fi 802.11, satellite, fiber

Cameras

- IP, fixed position, PTZ, high definition and thermal

Lighting

- IR illuminators, visible including LED and instant on the mid mast

Recording

- On board video management system
- Laptop based NVR
- exacqVision
- exacqVision Edge
- Genetec
- Milestone
- Avigilon
- Full remote access

Computer Hardware

- Computer module, full-sized rack mount, laptop (protected in drawer), switches, routers, power control through I/O module(s)

Vision Analytics

- Highly effective vision analytics package

Detection Devices

- PIR, long range, microwave, laser line

Mid-Mast Motion Detection System

- 4 individually addressable points of protection

Deterrents

- Strobe lights, horns, sirens, two-way audio

Remote Viewing

- Several packages are available upon request.

Automation

- Allows the ability to report and take action on events such as motion detection