

MPS DEFENDER 3400

DETECTION AND DETERRENCE

The DEFENDER 3400 hybrid mobile security trailer configuration is our premium, proactive detection and deterrent tool engineered to protect high profile locations. The Defender is engineered to work hand in hand with the MPS Defense and the MP Status systems offering a full featured protection platform.

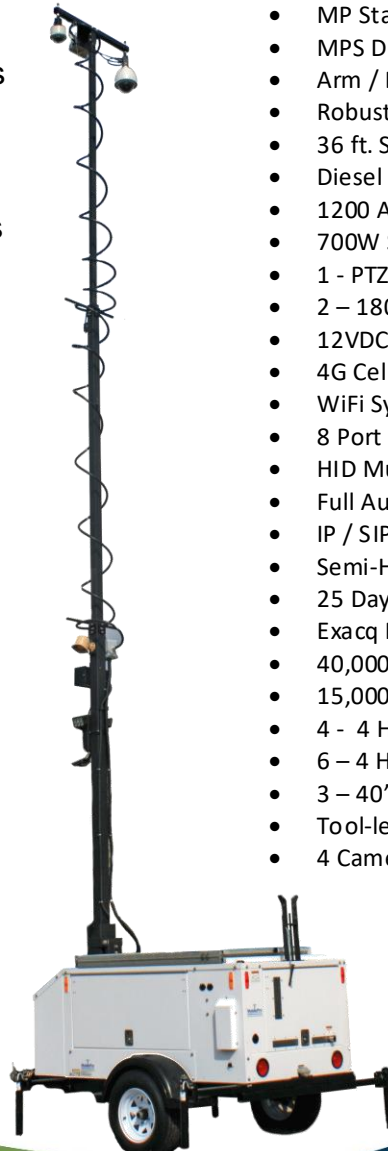
The typical uses for the Defender 3400 are in areas where there is a need to have timely and accurate detection of a security breach. Areas where security is critical to health, safety, security or economic well-being, such as electrical substations, water facilities, and petroleum pumping stations, makes this solution an effective choice.

To protect a site against unwanted intruders, the MPS Defender 3400 uses several technologies to detect the presence of motion. MP Status, the automaton engine of the Defender 3400, constantly monitors motion along with other detection sensors to determine, if a detection has a high confidence level before it sends the alarm.

This system focuses on detection and deterrence of any unwanted activities.

Features:

- Commander 3400 Mobile Surveillance System
- MP Status and Control System
- MPS Defense System
- Arm / Disarm the System Locally and Remotely
- Robust Email and SMS Notifications
- 36 ft. Stabilized Electric Mast system
- Diesel Generator System – 30 Day Operation
- 1200 Ah AGM Battery Pack
- 700W Solar System
- 1 - PTZ Camera 36X 1080P .002 LUX 200M IR
- 2 – 180° Panoramic Camera 4 - 8 MP Sensors
- 12VDC POE Mid Span Injectors
- 4G Cellular Modem / Router
- WiFi System Local Hot Spot / WAN as WiFi
- 8 Port Gig Network Switch
- HID Multiclass Card Reader with Keypad
- Full Automation Kit
- IP / SIP Enabled 2 Way Audio
- Semi-Hardened Laptop VMS 2 TB Hd
- 25 Days of Retained Recordings
- Exacq Pro, Video Management System
- 40,000 Lumen Top Mast Light Kit
- 15,000 Lumen Mid Mast Light Kit
- 4 - 4 High Output LED, Top Mast Strobe Kit
- 6 – 4 High Output LED, Body Strobe Kit
- 3 – 40' PIR / Microwave Motion Detectors
- Tool-less Removable Camera Mounts
- 4 Camera Internal Storage Rack



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COMMANDER 3400 SPECIFICATIONS

Defender Configuration

TRAILER

- Travel: 64" x 194" x 72" (W x L x H)
- Deployed: 90" x 139" x 36 feet
- Gross weight rating: 3000 lbs.

TOWER

- Electric Mast - Height: 36' telescoping style
Mast Construction: 3 section telescoping
Control: 340° rotation

SUPPORT

- 5 jack stands with adjustable outriggers

RACK MOUNT ENCLOSURE

- Capacity: 10U
- Size: 19" standard rack mount 17"D x 19"H
- Environmental Rating: Power Vented
- Mounting: 1-pin removable

ELECTRICAL

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

SHORE POWER

- Power source: 120 VAC 1875 watt max

BATTERY POWER

- 1200 Amp-hour AGM battery packs
- 110 Amp Tri-Stage smart charge system

SOLAR POWER

- 700 watt solar package

GENERATOR POWER

- 3000 watt diesel charge system
- MP Status-controlled charger system
- 20 gallon fuel storage

REMOTE CONTROL STATUS & CONTROL

- MP Status dashboard application monitoring:
 - Fuel level
 - Battery voltage
 - Current power usage
 - Key temperature points
 - Displays active map GPS monitoring
 - Intrusion detection reporting
 - Lighting control
 - Horns/sounders strobes control
 - Arm Disarm control

COMMUNICATIONS

- Cellular, WiFi, WiFi as WAN

POWER

- Shore power/charge, battery run, solar charge, Diesel generator

CAMERAS

- (2) 180° 8MP High Def Panorama view
- (1) 2 MP PTZ camera w/Smart Illuminators

RECORDING

- On board video management system
- Laptop based NVR 2TB 30 day
- exacqVision
- Full remote access
- Highly effective vision analytics package

DETECTION DEVICES

- 3 - 40' Microwave/PIR motion detectors

DETERRENTS

- Strobe lights Top / Body
- Area lighting Top / Mid Mast
- Sirens
- Two-way audio

REMOTE VIEWING

- Viewer application
- Web viewer
- MP Status and Control

AUTOMATION

- Arm / Disarm of security functions
- Automatic intrusion deterrents
- Robust notifications
- MP Status and Control
- Defense System

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