



MIP Video Security Communications & Control Enclosure



Ports Video Security & Webcams

The Modular IoT Platform (MIP) from Obsidian Integration, LLC is our standard modular and adaptable platform for managing remote communications and control of video security & web camera systems. The system can easily be configured to any number of project requirements.

The product is designed and specifically optimized for remote locations where traditional cameras cannot easily be installed. The system is built as a turnkey and simple to use weatherproof outdoor control solution and can easily support a single or many cameras for site-wide monitoring.

Air and Sea Ports traditionally are expansive and are remotely located or have many outlying areas. Wireless Video Security is ideal to extend coverage around these types of sites.

The MIP is fully wireless, to the Internet via Cellular IP and instantly provides real-time live video footage and historical security recording. The unit has an internal network router and can be easily expanded.

Beyond security based applications our solutions are an effective tools for small rural airports to add public view webcams for pilots to obtain real-time VFR conditions before arriving.

Security systems are only effective if they keep running for the duration, which we help to ensure via our EdgeRMM remote health monitoring and maintenance systems built into every unit. The MIP enables you to do your job and not worry about the complex technology required to provide video security or public view webcams.



- Capture Security Footage 24/7
- Edge Based Video Storage
- Optional IR Illuminators for night time monitoring in dark locations.
- Secure and capture evidence to protect critical infrastructure
- Monitor for potential criminal activities in public spaces



- LTE, Cellular & Wireless System
- Support for all Cellular Carriers
- Multiple Carrier Support Without Requiring Hardware Upgrades or Change outs
- 802.11 Access for download and local access
- Point to Point Wireless Supported for Remote Security



- Protect expensive investments by adding Security Cameras
- Promote Patronage and Assist Pilots Using Your Facilities
- Upload images To Public Websites to Increase Patronage
- Reduce Criminal Activities
- Deter Vandalism, Theft and Capture Evidence

Modular IoT Platform Video Security & Webcam Features

Specification	Description
IP Camera Support	All IP Cameras, Remote Mounting, Typically Configured With Axis or OEM Cameras
Camera Power	PoE Connection, Multiple Camera Support Available*, High Power PoE Available*
Video Documentation	ObsidianEDGE NVR Local Evidence Capture and Web Access**
Remote Video	Edge Recorder Option, Incident Based Remote Stream, Still Image Uploads
IoT Modem Gateway	Sierra Wireless, Cradlepoint, Others**
Network	Internal Ethernet Switch & Router With Local Area Network Enabled
WiFi	High Power 802.11b/g/n Wireless Connectivity
AC Power	120VAC Input
AC Power Connection	Twist Lock AC Power Input, Available Power Tap (Street Lights) & Day/Night UPS
Camera & Peripherals	Plug and Play single connections
Health Monitoring	Obsidian Sentinel Monitoring Device with EdgeRMM Remote Monitoring & Management
Internal System Power	12VDC @ 7A Max PoE Obsidian Modular Power Supply Available*
System Reset	Remote IP Reset Systems and Remote Power Controls
Housing Type	NEMA 4X Harsh Environment 12 x 14 x 10 UV Stable Fiberglass
Environmental	Weatherproof Design Thermostatically Controlled Heater, Fan & Ventilation
System Mounting	Adjustable Quick Mount, Turnkey Plug and Play Installation