

MAGNUSON MOBILE

SURVEILLANCE SOLUTIONS



Secure Construction Sites and Other Remote Locations
Monitor Concerts, Public Events, & Troublesome Areas
Deter Theft and Private Property in High Crime Areas
Easily Deploy in Less than 10 Minutes
Compact Self-Contained Unit for Areas a Trailer Cannot be Used
Wheeled Push Cart for Easy Maneuverability

The MMSS-300W Solar Surveillance System is equipped with a feature-rich camera system that's simple to deploy and easy to use.

This portable surveillance system features dual AI-based infrared cameras that are designed specifically for outdoor use for durability and reliability.

The system provides remotely accessible and controllable live video using a cellular or Wi-Fi® connection. Remote control lets you view video and control the cameras from any Internet-connected device. A built-in server stores recorded video. System setup provides email and text notifications based on real-time video analytics. Cellular service plan is included, and alternative plans and professional monitoring with automatic police dispatch also available.

System power is provided by batteries, which are charged by the solar-based automated charging system. In a typical deployment with sufficient sunlight, the system can run continuously and autonomously year-round.

Features

- Two outdoor Cameras (Dual-Lens PTZ & 360° Fisheye Cameras)
- Cameras are infrared (IR) day/night PTZ dome style with 360° rotation
- Dual Lens PTZ is 24/7 Color with a Video resolution of 2688 x 1520 or 4mp 2K HD
- PTZ has 25x optical zoom & 16x digital zoom
- Fisheye Video Resolution of 3008 x 3008 or 12mp
- On-board digital recording to server with a 1TB solid state drive
- 20W Bullhorn Loudspeaker for talk-down capability
- High-speed 5G/4G LTE cellular modem with built-in GPS
- Cellular plan is included, alternative plans are also available
- LAN Wi-Fi connectivity, 2.4 or 5.8 GHz
- 1 TB of on-board recording capacity
- 15-foot telescoping vertical tower

- Maintenance-free LifePo4 sealed lithium batteries and local controls housed in high-security, tamper-resistant battery box
- 300-watt solar array tilts from horizontal to nearly vertical
- Compact and easily maneuverable push-cart can be used in the hardest to reach locations where a trailer cannot be used
- State-of-the-art Smart MPPT solar controller with Bluetooth remote monitoring

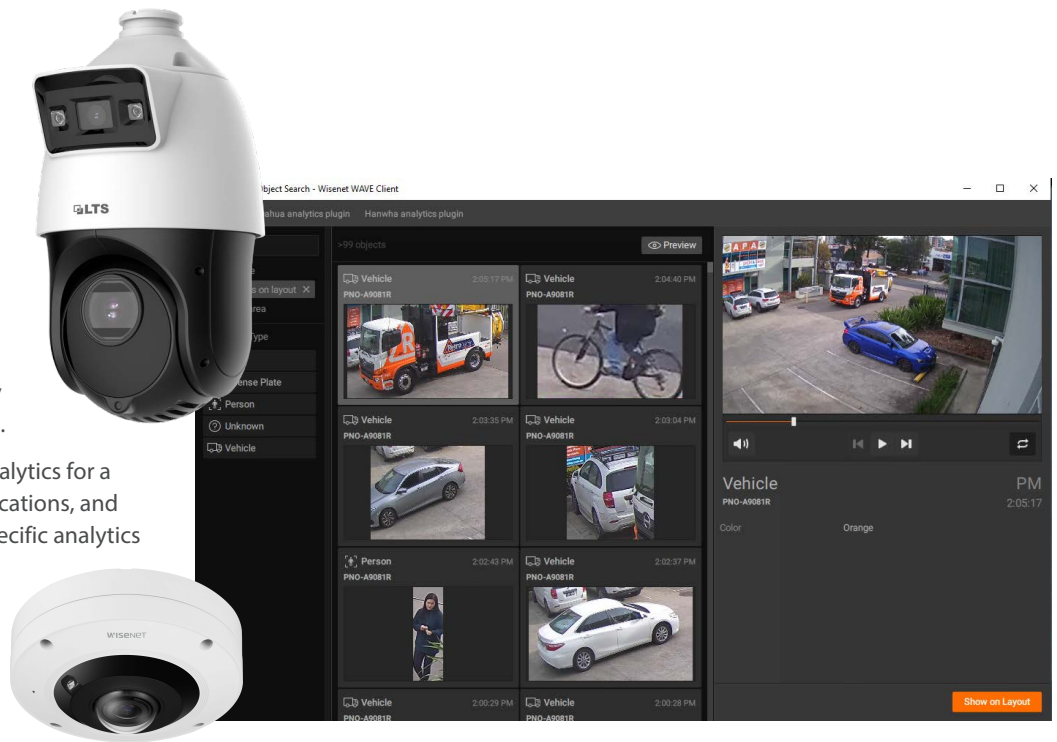


**Remote access and control require a PC or smartphone and the included camera system app.*

MMSS-300W Solar Surveillance System

The cameras are designed for mobile surveillance applications. Infrared PTZ cameras include local recording capability and wireless transmission technology. The primary camera and electronics are housed together in a single, compact unit. The secondary camera uses the primary's electronics.

The camera system includes video analytics for a range of intelligent surveillance applications, and can send text or email alerts when specific analytics triggers occur.



Camera control

- Live video stream via 5G/4G LTE Cellular or Wi-Fi
- Multiple device connectivity
- Zero latency PTZ control
- License-free PC software
- Remote control app for iOS and Android™ mobile devices



Local power monitoring

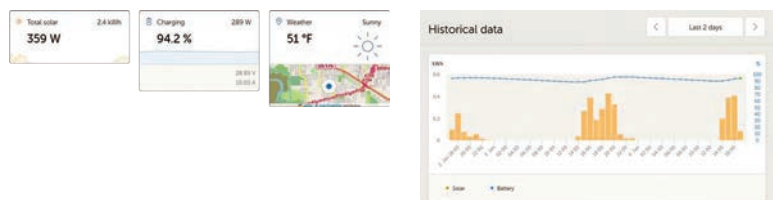
A battery monitor on the control panel gives local access for viewing the most useful power information in real-time.

IR cameras

- 24/7 Full time Color
- Dual-Lens PTZ
- Built-in IR illuminators for nighttime use
- 330-foot IR Illumination
- 2560 x 1440 4mp HD resolution
- 25x optical zoom 16x Digital Zoom
- Smart Auto-Tracking PTZ
- 360-degree pan, -5 to 90-degree tilt
- Designed for use in no-light/low-light scenarios
- Onboard Server with recording capacity up to 1 TB
- GPS location
- Quick-connectors and lock-pins for easy installation

Remote power monitoring and control

Remote power management provides a snapshot view of power performance, allowing you to monitor, manage and optimize the power system remotely. The system connects briefly and automatically uploads data to the cloud at 15-minute intervals. Set alerts and alarms to catch potential issues early. Use data to make informed decisions and adjust system operation when needed.



Bluetooth app

The remote power management app for iOS and Android mobile devices provides real-time access to the functions described above for remote power monitoring and control. The app connects only within Bluetooth range of the surveillance system.