

Product Description

Mobile Surveillance Systems (MSS) are custom-built solutions for temporary site monitoring for applications that require video, audio and data security. They are compact, rugged, self-contained and easy to deploy and set up. MSS units consist of a base unit with on-board solar panel(s), charge controller and batteries (purchased separately) along with power and network connections for NVR, camera(s) and sensors. A removable quick-connect pod provides a mounting platform for camera(s) and wireless systems.

MSS units are a force multiplier for management, security, medical, law enforcement or event personnel by providing the ability to monitor an area more efficiently and effectively. The systems are most effective when used in groups as they are easily linked together in perimeter, star and linear configurations. Due to their physical size and maneuverability MSS units provide a platform that can be deployed in smaller places quickly and be less conspicuous than other solutions that offer similar functionality. Mast elevation to 14 feet provides the ability to see above crowds but still see faces. MSS units are designed to operate in a variety of weather environments and include multiple security features.

Mobile Surveillance Systems (MSS) are fully compatible with KBC Industrial Transmission products including WES3 and ThruLink™.

Product Features

- Compact self-contained unit - maneuverable and easy to deploy
- Industrial - vandal resistant - low maintenance
- Remote, mobile, cost-effective
- Unique gas shock assisted mast lift assembly - elevation up to 14 feet
- Removable quick-connect interchangeable pods
- Adjustable solar panel - gas shock assisted lift deployable at multiple angles
- MPPT Charge controller
- Space for up to 3 x 100Ah batteries in base (purchase separately)
- Optional configurations and accessories available

Applications

- Community/public events/festivals/crowd control
- Colleges/universities
- Residential/commercial property management/parking lots
- Local law enforcement/SWAT teams/crime scenes
- Federal and State law enforcement - FEMA, TSA, Homeland
- Security, DEA, FBI, CIA, border patrol & specialty military
- Traffic monitoring/transportation/DOTs
- Natural disasters/evacuation routes/emergency management
- Oil & gas/mining/utilities/ports & harbors
- Entertainment/ski resorts/movie sets/stadium authorities
- Farming/agriculture
- Construction sites



Specifications

Mechanical

Stowed 32" x 41" x 65"
 Deployed 47" x 85" x 169"
 Shipping Weight 200 lbs. (batteries not included)
 Construction Steel
 Mast Aluminum
 Wheels 10" Pneumatic Tire/Steel Hub
 300 lb. Capacity
 Supports 4 Adjustable Outriggers & Levelers
 Battery Rack Aluminum
 Electronics Tray Aluminum
 Solar Mount Aluminum
 Mast Lift Mechanism 1 - 80 lb. & 1 - 60 lb. Gas Spring
 Solar Lift Mechanism 2 - 60 lb. Gas Springs
 Quick-Connect Pod Aluminum w/ 12VDC & RJ45 Connectors
 Finish Powder Coat

Security Features

Base 3 Point "T" Handle Key Lock
 Removable Wheels
 Mast Key Lock Latches
 Quick-Connect Pod Key Lock Latch

Power

Electrical 12VDC System
 Battery(s) 110Ah AGM ⁽¹⁾
 Solar Panel(s) 100W ⁽²⁾
 Wiring Cat6e & 14 GWA 2-wire
 Internal to Mast & Base

Electronics

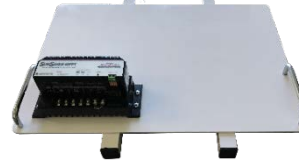
Charge Controller MPPT 15A/12VDC, RS232 Data
 Dimensions 12" x 18" Tray, 5" Mounting Clearance

Quick-Connect Pod

Latches Standard & Key Lock
 Wiring Cat6e/18 GWA 2-wire
 Weatherproofing Square Rubber "O" Ring, Rubber Gaskets
 Dimensions 7" Stem w/ 1" Insert
 6" x 6" x 8.5" Mounting Pod



Inside View



Electronics Tray



Outrigger/Leveler



Panel Angle Adjustment



Panel Lock



Quick-Connect Pod



Pod mount & Tether Eyelet

Notes: (1) Batteries Purchased Separately - 1-3 batteries can be installed in the base.
 (2) MSS units can be purchased with 1 or 3 panels installed, not field changeable/upgradeable

Part Number: MSS-KT-300

Kit Includes:
 Base Unit with 3 Solar Panels
 Battery Rack and Electronics Tray
 Solar Charge Controller
 Quick-Connect Pod

Please contact KBC Networks for MSS Options:
 Phone: 949-297-4930
 Toll-free: 888-366-4276
 Email: info@kbcnetworks.com
 Website: www.kbcnetworks.com

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