

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

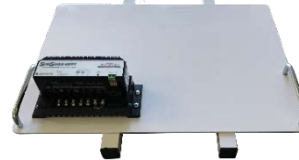
Charge Controller	MPPT 15A/12VDC, RS232 Data
Dimensions	12" x 18" Tray, 5" Mounting Clearance

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



Outtrigger/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

Please contact KBC Networks for MSS Options:
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