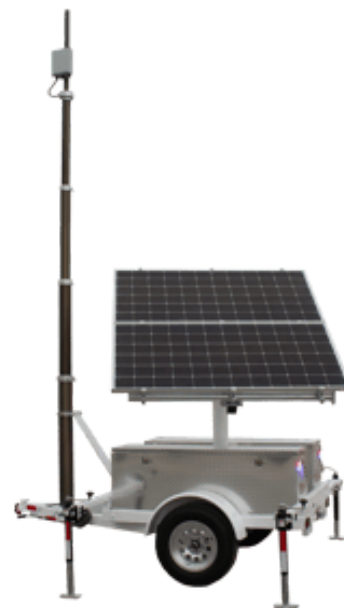## MobileVideoPatrol

Configuration

- Solar powered mobile patrol unit (camera/sensors not shown)
- iPro WV-X86530-Z2 Camera (3x Multi-Sensor, PTZ)
- Video Insight vms
- Talk Down Speaker / Blue Strobe lights
- Shore power and battery backup
- Cellular communications
- Can be integrated into current platforms or software
- 2TB Memory

Features

- **Low Cost Complete Mobile Solar Remote Power Solution** for Off-Grid operation. Fully Assembled. Sets up in minutes.
- **Weatherproof Outdoor Locking Enclosure** with High Performance Sealed Lead Acid Battery. Thermostatically Controlled Ventilation.
- **Up to 720W Solar Capacity** – Supports up to 120W continuous power with 6 Hrs. Peak Sun. Heavy Duty galvanized 360° adjustable solar mount with10-65deg tilt. 25Year Solar Panel Warranty.
- **MPPT Temperature Compensated Solar Charge Controller**: 60A Solar, 30A Load, 99% Efficiency.
- **Complete Remote Monitoring and Control** – Email Alerts and Manual/Automatic Reboot. Monitor Solar Voltage & Current, Battery Voltage & Current, Load Current, Temperature. Disconnect Load Power.
- **Pneumatic Four Position (9ft, 12ft, 15ft, 18ft) Locking Aluminum Extension Mast** for up to 110lb load. Raises fully in about 90 seconds using the integrated air pump.
- **Regulated 12VDC, 56VDC and Un-regulated 24VDC Output at Top of Mast**. Includes surge protected Gigabit 5 port PoE Layer 2 Switch with one 90W 802.3bt PoE Port, three 802.3at PoE+ Ports and one 24V Passive PoE Port, all at top of pole. Dual CAT5 connections between top of mast and battery enclosure.
- **Protected and Secured Wiring** to deter vandals.
- **Dual Charging. Convenient Backup Generator or Grid Power Port**. Charge batteries using solar or AC power.
- **Locking 2" Ball Hitch Tongue Lock**. Four spring actuated extending (36" Max) support jacks.
- **Room for Second Enclosure on Most Models** for tool storage or additional battery capacity.
- **Chrome Wheels, Leaf Spring Suspension**, Aluminum Diamond Plate Decking, Powder Coated Welded Steel Tube Construction.
- **Solar Panel Cover and Ratchet Straps** for secure travel protection, Included.
- **Optional Add Ons:** XTL BreezePro® Wind Turbine Kit, second frame mounted aluminum enclosure, light kit, guy line kit, second battery bank and larger solar array. Acoem ATD Gunshot Detection Sensor.

MobileVideoPatrol

Trailer Specifications

Batteries

Battery Voltage
24VDC

Battery Type
Maintenance Free Non-Spillable Valve Regulated Sealed Lead Acid

Battery Life
5+years

Solar Panels

Type
24VDC 360W, Monocrystalline 72 Cell Modules, 25year Life

Solar Controller

Type
MPPT – Temperature Compensated, 60A Solar Input, 30A Load Output

Self Consumption
<1W

Overcharge Protect
32V

Equalize Charge
29.2V

Bulk Charge
28.8V

Float Charge
27.6V

Over-discharge protect
22V

Over-discharge recover
24V

Remote Access
Ethernet via TPDIN3 Monitor
WiFi – Internet connected router req'd
Mobile – Cellular router with carrier account SIM req'd

AC Charging

Input
110/240VAC (Switchable), 50/60Hz, 10A

Remote Monitoring

Type
Web Based, SNMP, 4 Channel

Parameters Monitored
Solar Panel Volts and Current, Battery Volts and Current, Load Current, Temperature

Controls
Connect / Disconnect Load Output, manually or automated based on programmable rules.

Alerts
Email alerts based on user programmable rules

Extension Mast

Type
Pneumatic Locking Aluminum

Lock Positions (4)
9', 12', 15', 18' (2.74, 3.66, 4.57, 5.49m)

:::i-PRO
The Power of Truth

VIDEO INSIGHT 7

Video Insight 7 is a powerful yet easy-to-use enterprise Video Management platform that allows organizations in education, law enforcement, healthcare, commercial, and transportation the ability to deploy a customized and robust security surveillance system. New to version 7 is enhanced functionality with our new plug-in architecture which allows even greater scalability and improved feature sets.

CLIENTS

VI Monitor PLUS | VI Web Client | VI Monitor for Mac | VI Mobile | VI TV+

Multi-Sensor Cameras

WV-X86530-Z2 i-PRO

Multi-directional + PTZ Camera with AI Engine

3 x 5MP Outdoor Multi-directional + 2MP(1080p) 21x PTZ Network Camera with AI Engine

- 3 x 5MP multi-directional camera + 2MP 21x PTZ camera
- Discreet design
- Up to 6 Edge AI analytic apps
- AI auto tracking
- No calibration required
- Pan/Tilt speed up to 500 deg/s
- IP66, IP67, IK10 rated
- Bulit-in FIPS 140-2 Level 3 certified SecureElement
- NDAA compliant

Learn More

MobileVideoPatrol

Time to full extension
90 seconds Typ (using included integrated air pump)

Top of Mast Enclosure

Type
Aluminum Die Cast

Interior Size
10 x 7.75 x 3" (254 x 197 x 76mm)

PoE Ports
5 Port Layer 2 Gigabit PoE Switch
Port 1 = 90W 802.3bt PoE
Port 2-4 = 802.3at 30W PoE+
Port 5 = 24VDC 12W Passive PoE

Equipment Enclosure

Type
Vented Locking Aluminum Diamond Plate

Internal Size
64.5" x 17.5" x 19.5" (1638 x 444 x 495mm)

Voltages Available Inside Enclosure
56VDC 5A Regulated, 24VDC 30A Un-Regulated,
12VDC 20A Regulated

Mobile Trailer

Construction
Welded Tubular Steel, Powder Coat Painted. Aluminum diamond plate decking.

Frame Length
Mini: 120" (3m)   Standard: 130" (3.3m)

Frame Width
Mini: 72" (1.8m)   Standard: 84" (2.1m)

Deck Size
Mini: 52 x 85.5" (1.3m x 2.2m)
Standard: 77 x 86.5" (2m x 2.2m)

Tongue length
48.5" (1232mm)

Ball Size
2" (50.8mm)

Ground Clearance
13" (330mm)

Solar Panel Height
63" above deck (1600mm)

Wheels
15" (381mm) Polished Aluminum

Suspension
Leaf Spring, 3500lb Axle

Stabilizing Lifts (4)
2000 lb (907kg), 3 Position Extension: 0", 15" 36"
(0, 381, 914mm)

Misc

Operating Temp
-22°F to 140°F (-30°C to +60°C)

Wind Speed Rating
90 MPH (40 m/sec)

For more information contact sales@xtl.ai