

# Mobile Camera Trailer

## Features

- **24/7/365 video monitoring provides increased security**
- **Browser-based Video Management System - included**
- **Solar Power and battery Operated**
- **Cellular data communication - standard**
- **Maintenance free**

The ConstructionCam Mobile Camera Trailer is a maintenance free, solar powered, and battery (12vdc) operated video system that provides 24/7/365 video live and recorded video monitoring. These system come standard with cellular data communications and a browser-based video management solution that delivers highly secure, password controlled, encrypted video to your PC, smart-phone or and internet browser.

The solar power plant can be configured with one, two or three solar panels to provide 370w - 1110w of charging power and battery storage from 500-2000 Ah of battery life.

ConstructionCam offers 22,000 – 64,000 Lumen light systems which can easily be added to the 25' standard automatic tower lift to provide a complete video and light plant when required.

The Mobile Camera Trailer is perfect for Police and Fire use, where temporary video or lighting is needed, to provide security and lighting for construction or DOT sites, and for schools or others areas where large groups may congregate.



# Mobile Camera Trailer

## Specifications

### Trailer

- Single Axle Leaf Spring Suspension
- 2" Ball
- Fully DOT Certified with Title
- 15" tires
- **Full Size Spare Tire mounted inside trailer**
- 4' x 6' enclosed Aluminum Structure
- Proprietary Tower Mounting system ensures safety, stability, and longevity.
- Locking Door (lock not provided)
- Panel for mounting additional equipment
- (4) 5,000 lb sealed stabilizer jacks with side crank, grease cert., and quick drop leg with base plate

### Automated Telescoping Mast

- Automated with 2,500lb winch for extending mast with auto brake
- **Momentary up/down switch to automatically raise / lower tower**
- Includes a limit switch so tower cannot be over extended
- Made of High Grade 6061 Aluminum
- Assembled with 2,500 lb psi airplane rated stainless steel cabling
- All assembled parts are stainless steel, aluminum, UHMW Plastics, or brass to ensure no corrosion
- Fully extended is 25'
- **The towers are rated for 160mph wind gusts and 120mph sustained winds.**

### Solar Power

- (3) 345 Watt Solar Panels Mounted to Rails which are **raised & lowered using electric actuators (press momentary switch and they raise or lower)**
- 3 panels are situated on a cross mounting mechanism with two slide outs and raises up to 45 degrees in unison
- 17vdc
- 1,035 watts total at 12vdc
- High Efficiency LG NeON™ 2
- Class 1 Division 2 rated

- Module Cells: 6 x 10
- Module efficiency: 18.9%
- Connector Types: MC4, MC4 Compatible, IP67

### Battery Backup

- All power is 12 volts DC
- There is an emergency cutoff switch to power source
- Advanced MPPT Charge Controller ensures 12V power protection to all components and automated battery maintenance and ensures batteries are not over / under charged
- Battery Bank delivers 1,500 amp hours (20ah rate) of backup, High grade plated AGM Sealed Batteries (6 – 250 amp hr 8D batteries).
- All power connections use high grade copper twisted wire to ensure hot / cold tolerances

### Backup Battery Charger

- converts nominal 108-132ac voltage to 13.4 dc voltage for both load operation and 12v battery charging
- ideal for charging absorbed glass mat (AGM) batteries
- includes the iq4 smart charge controller which automatically provides three-stage battery charging for safer charging and longer life for your system's battery
- 4 stage charging: bulk, absorption and float stage
- as a power supply the unit's tightly controlled regulation allows the user to operate a nominal 12vdc load up to 80 amps

### Camera

- (1) Axis 5655 1080P Pan Tilt Zoom Camera
- 360 degree non-stop pan
- 1920x1080 (HDTV 1080p)
- -30 °C to 55 °C (-22 °F to 131 °F) Humidity 10–100% RH (condensing)
- 30 time optical zoom lens
- 100 preset angles on PTZ
- Motion detection