



CRONOS
EYE[®]

TOWABLE AUTONOMOUS SURVEILLANCE SYSTEM
TECHNICAL SPECIFICATIONS



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OVERVIEW

- 3 * 300w Solar Panels
- 4 Gel Batteries 200ah - DC24V
- Extending (Manual) Tower Mast - 9 Meters
- Single Axle Trailer
- 1* 4 MP PTZ Camera
- 3* Bullet 4MP Cameras

- NVR Storage 6 TB
- Inverter
- GPS Tracker
- Cellular Router
- HikVision Software
- Management Dashboard

TECHNICAL SPECIFICATIONS



TOWER DIMENSIONS

Length:	3600mm
Width:	1470mm
Height:	2450mm
Weight:	1050kg

MAST DETAILS

Mast Raise / Extension	Manual / Electric / Hydraulic
Safety:	Auto Lock/Sensor/Safety Valve
Mast Height:	Optional
Mast 360 Degrees:	Optional
Coil Cable:	Optional
Wind Rating Speed:	100km/h

EQUIPMENT DETAILS

Trailer Type:	Single Axle
Tire and Rim Size:	15"
Stabilizer Supports:	4xManual
Drawbar:	A Frame
Tow Hitch:	50mm Ball / 70mm Ring
Mud Guard / Chock:	Special Design
Diesel Generator:	Optional
Operating Temp:	-35c up to +60c

TECHNICAL SPECIFICATIONS



CAMERA SPECIFICATIONS

Hikvision DS-2DE5425IW-AE (T5) – 4MP 25× Network IR Speed Dome

- 1/2.8" Progressive Scan CMOS sensor; high-quality imaging with 4MP resolution
- Human and vehicle target classification based on deep learning
- Excellent low-light performance powered by DarkFighter technology
- 25× optical zoom and 16× digital zoom for close-up views over expansive areas
- WDR, HLC, BLC, 3D DNR, defog, regional exposure, and regional focus
- Extended night vision with up to 150m IR distance
- Supports both 24VAC and PoE (802.3at) power inputs
- Efficient H.265+/H.265 video compression technology



2MP AcuSense Fixed Bullet Network Camera

- High-quality imaging with 2MP resolution
- Clear imaging against strong backlight thanks to 120 dB WDR technology
- Efficient H.265+ video compression
- Human and vehicle target classification based on deep learning
- Water- and dust-resistant (IP67)



TECHNICAL SPECIFICATIONS

INVERTER 12/375 VE.DIRECT SPECIFICATIONS

VE.Direct Communication Port

- A computer (requires VE.Direct to USB interface cable)
- Apple and Android smartphones, tablets, MacBooks, and other devices (requires VE.Direct Bluetooth Smart dongle)

Fully Configurable Settings

- Low battery voltage alarm trip and reset levels
- Low battery voltage cut-off and restart levels
- Dynamic cut-off: load-dependent cut-off level
- Output voltage: 210–245V
- Frequency: 50 Hz or 60 Hz
- ECO mode on/off and ECO mode sensitivity level

Monitoring Capabilities

- Input and output voltage
- Load percentage
- Alarm statuses

Proven Reliability

- Full bridge plus toroidal transformer topology with years of proven reliability
- Short circuit proof and protected against overheating (due to overload or high ambient temperature)

High Start-Up Power

Capable of starting demanding loads such as:

- Power converters for LED lamps
- Halogen lamps
- Electric tools

ECO Mode Functionality

- Automatically switches to standby when the load drops below a preset threshold (minimum load: 15W)
- In standby mode, the inverter turns on briefly at adjustable intervals (default: every 2.5 seconds)
- If the load exceeds the threshold during this check, the inverter stays on

Remote On/Off Capability

A remote on/off switch can be connected via:

- A two-pole connector
- Between battery positive and the left-hand contact of the two-pole connector

Automatic Transfer to Another AC Source

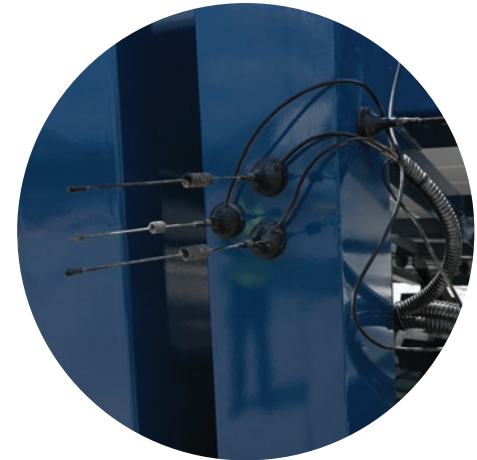
- Compatible with the Filax Automatic Transfer Switch, recommended for low-power inverters
- Fast switching time (< 20 ms) ensures uninterrupted operation of computers and sensitive electronics



ADDITIONAL FEATURES

Optional Equipment & System Enhancements

- LED Lighting
- Satellite Internet
- Generator
- Speakers with Live Broadcast Capability
- Alarm System
- Thermal Cameras
- LPR (License Plate Recognition) Cameras
- Cloud Data Storage





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