TRAILER

PT-RD6000-HDS1
SOLAR/DIESEL HYBRID SURVEILLANCE TRAILER

NDAA COMPLIANT

MADE IN USA

KEY FEATURES

- **SOLAR/DIESEL HYBRID GENERATOR POWERED**
- **HD PTZ IP CAMERAS**
- **LARGE BATTERY BACKUP**
- **OPERATES IN EXTREME ENVIRONMENTS**
- **REAL-TIME MONITORING**
- **REMOTELY MONITORED AND CONTROLLED**
- **24/7 UNATTENDED OPERATION**
- **WIDE TRACK TRAILER FOR MAXIMUM STABILITY**

(Typical Configuration)*

LEARN MORE ABOUT THIS PRODUCT

Hybrid Configuration
2 x 200W solar panels are integrated seamlessly to combine power with the onboard diesel generator to ensure longer uptime with less diesel use.

Self-Contained
Temporary surveillance systems that provide high definition live video of the deployment location.

Pan-Tilt-Zoom (PTZ) Cameras
Configuration supports up to five cameras including:
- 30x-36x Optical Zoom
- ALPR and OCR based Video Analytics
- Fixed Dome camera with up to 5x Zoom
- 360° Degrees of detail
- Up to 4k @ 90FPS video output

Remote Monitoring
Monitor critical areas, incident areas, and other problem locations whenever and wherever necessary in a compact, mobile, self-powered unit.

Management Software
Camera can be controlled automatically and precisely from anywhere using management software included with the system.

"Always On" Network
The system is shipped, preconfigured, and ready for deployment on leading broadband cellular networks.

On Board Self Healing
Autonomous operational continuity dashboard allows users to actively monitor and manage trailer vitals for all assets in a centralized location from desktop, phone, or tablet.

* Standard Trailer configuration comes with two AI PTZ cameras and one AI fixed dome camera pointed at the trailer for anti-vandalism purposes. Customization is available upon request.

CREATE A SMART CITY
POWERED BY PACKETALK

☑ **Add a ALPR asset**
Packetalk's ALPR cameras have embedded license plate recognition, AI video analytics and up to 90FPS.

‹ PTZ-3160-HD36ALPR

☑ **Add PTVAS**
Packetalk Video Analytics System provides a multi-faceted situational awareness platform for all your surveillance needs.

☑ **Deploy INAAP**
Packetalk Interoperable National ALPR & Analysis Platform. Creates Interoperability across county and state lines for Plate recognition and vehicle exception reports. Equipped with API and third Party integration.

QUESTIONS? CONTACT US AT
201 355 3323 OR sales@packetalk.net

PACKETALK.NET

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SOLAR/DIESEL HYBRID WITH ON-BOARD DIESEL ENGINE CHARGER

CAMERA BOOM

Full camera customization available with different PTZ functionality including ALPR, video analytics, people counting and thermal imagery.

HYBRID INTEGRATION

Solar/Diesel integrated setup allows for simple deployment and prolonged lifespan of the trailer.

ON BOARD SELF HEALING

Built in monitoring system collects data and information for display in our autonomous operational continuity vitals application.

SPECIFICATIONS

TOWER DIMENSIONS

Width (Travel/Deployed)	79"/151"
Length	120"
Height (Travel/Deployed)	111"/300"
Weight (Dry/Operating)	2850 lbs

TRAILER DETAILS

Axle rating	3500 lbs
Mast Raise/ Extension	12VDC Electric winch
Mast height	25ft Mast
Wind Rating Speed	125 MPH

BATTERY

No. of Battery	2 sealed AGM x 250Ah
Capacity	500Ah
Voltage	Low Voltage Battery Disconnect to prevent over-discharge of deep cycle batteries
Charge controller	Precision 3-digit digital meter continuously displays battery voltage, and the load current
AC Voltage	Normal operating mode 1 Amp 120 VAC, Charging mode 15 Amp 120VAC

SOLAR

Solar Array	400W
Solar Controller	1 x Maximum Power Point Tracking Solar Controller
Low-voltage Disconnect	Disengages power to equipment when battery voltage gets low; system automatically restarts when batteries are recharged; voltage and temperature settings are adjustable

PTZ CAMERAS (UP TO 5)

Effective Pixels	Up to 3840x2160 (4k UHD)
Zoom Ratio	30x-36x
Compression	MJPEG, H264, H265
Minimum Illumination	Color: 0.05 LUX@F1.6 B/W: 0.0 LUX@F1.6
Video Analytics	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Object Left, Object Removed
Traffic Detection	License Plate Recognition, Plate Type Recognition, Plate Color Recognition, Vehicle Type Classification, Vehicle Color Recognition, Vehicle Direction Detection, Speed Detection, Traffic Flow Detection

SECURITY

Anti-theft	Dual locking compartment doors; Wheel lock immobilizes trailer

DIESEL GENERATOR

Engine	4 Stroke liquid-cooled 3 cylinder diesel engine
Fuel tank	56 Gallon Fuel Cell
Temperature control	Auto high/low temperature shutdown
Fuel consumption	.50 gph full load (1.89 Lph)
Vibration dampening	Rubber vibration dampers isolate engine/ generator from frame

GET IN TOUCH
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