

NOMAD PRDSS

Portable Rapidly Deployable Surveillance System
Unmanned Ground-Based Surveillance

*Complete System Includes:

- IP Camera 26x Optical / 12x Digital
- Carbon Fiber Tripod
- Analog Video Input
- 3G/4G Cellular Data Uplink
- Military Tactical Mesh Point Option
- Preloaded Viewing Software
- Wireless Access Point for Devices
- 18Ah 12V Military Battery

Options:

- Recon Robotics CMS Integration
- Fortress Secure Wireless Bridge
- Fortress Tactical Mesh Point



Tactical Military
Mesh System

This unit is a complete system that can be **deployed in seconds**.

Designed for special response teams, first responders, law enforcement, search and rescue, and perimeter control.

Portable, rapidly deployable... **keeping all eyes on target** and saving lives.

CELLULAR INTERNET UPLINK ♦ FORCE MULTIPLIER
TACTICAL ♦ MOBILITY ♦ VIDEO ANYWHERE



Comm Module Specs - NOMAD PRDSS:

- 3G/4G Access - (1) PC Card Type II Slot + (1) USB 2.0
- 12V DC Input for Module
- Access - (1) 10/100 WAN (1) 10/100 LAN
- Wireless:
 - Standard IEEE 802.11 b/g
 - Data Rate Up to 54 Mbps (802.11g) Up to 11 Mbps (802.11b)
 - Frequency 2.4-2.483 GHz
 - Range 35-100 meters indoors, 100-300 meters outdoors, 64-bit and 128-bit WEP Encryption; WPA; WPA2; WPA-PSK; WPA-PSK2
- Supported WAN Types - Static IP, Dynamic IP, PPPoE, PPPoA
- Features
 - VPN Pass-through
 - WAN Failover
 - WiFi Scheduling
 - Quality of Service (QoS)
 - DynDNS
 - Firewall
- OS supported - Windows 95/98/MD/NT/2000/XP/Vista; Linux; Mac OS
- Power - Switching 5V 3A
- Single-Channel Encoder
 - High-quality, de-interlaced video at 30/25 frames per second
 - Simultaneous Motion JPEG and MPEG-4 streams in resolutions up to 768x576
 - Video motion detection and pre/post-alarm buffer
 - Support for PTZ and dome cameras
 - HTTPS encryption for network security
 - Power 8 - 20V DC, max 8 W

NOMAD PRDSS

Portable Rapidly Deployable Surveillance System



Tactical Advanced System:

- Vehicle Mesh Point with one 2.4/5.8 GHz radio and one 5.8 GHz radio
- AC Power Adapter
- One Year Limited Warranty



Camera Specs:

- Pan, tilt and zoom
 - 12V IP camera
 - 12x optical zoom
 - 360° pan with auto-flip
 - Day and night function
 - Audio detection alarm
 - Simultaneous MPEG-4 and Motion JPEG
 - Power 12V DC, max 14.5W
 - IP66 Rated System
- Light-weight carbon fiber tripod included

Battery Specs:

- Military Grade L-ION Rechargeable

One battery included - see battery spec sheet for details



**MILITARY MESH SYSTEM ♦ FORCE MULTIPLIER
TACTICAL ♦ MOBILITY ♦ VIDEO ANYWHERE**

LIGHT-WEIGHT TRIPOD SYSTEM

DESCRIPTION

The 4-section light-weight tripod combines great compactness and improved rigidity with maximum height. It is extremely lightweight and includes professional features for quick vertical-horizontal movements, an integrated leveling bubble on the magnesium top plate, 100% carbon fiber tubes (including the center column) and magnesium die castings.

SPECIFICATIONS

load capacity	15 lbs
maximum height	6 feet
weight w/ grip	5 lbs



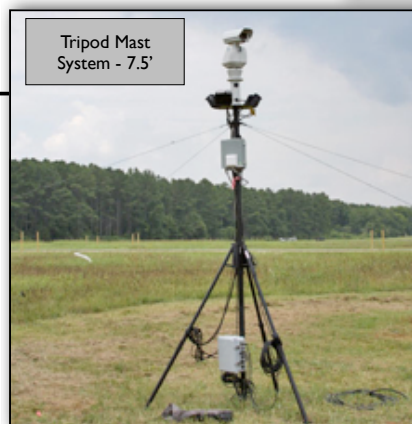
HEAVY-DUTY TRIPOD MAST SYSTEM (7.5 FEET)

DESCRIPTION

The heavy-duty tripod mast system would be used for longer deployments, providing a more stable solution in high winds. Supports significantly more weight, as well as multiple cameras and sensors. System contains aluminum alloy tripod with level and base plates, AL1 base pole, AL1 center mast pole, mounting pole, stake kit and wheeling carry bag.

SPECIFICATIONS

total system weight	56.5 lbs
payload capacity	50 lbs
wind survival	90 mph
deployment time (1 person)	3 minutes
deployment time (2-3 people)	2 minutes



Tripod Mast System - 7.5'

EXAMPLE MESH CONFIGURATION

