

Energy Dense Power Systems, LLC

The Leader in Energy Dense Smart Power Applications

POWER

LIGHTS

SECURITY

1154 Ontario Court, Suite 101

Owings, MD 20736

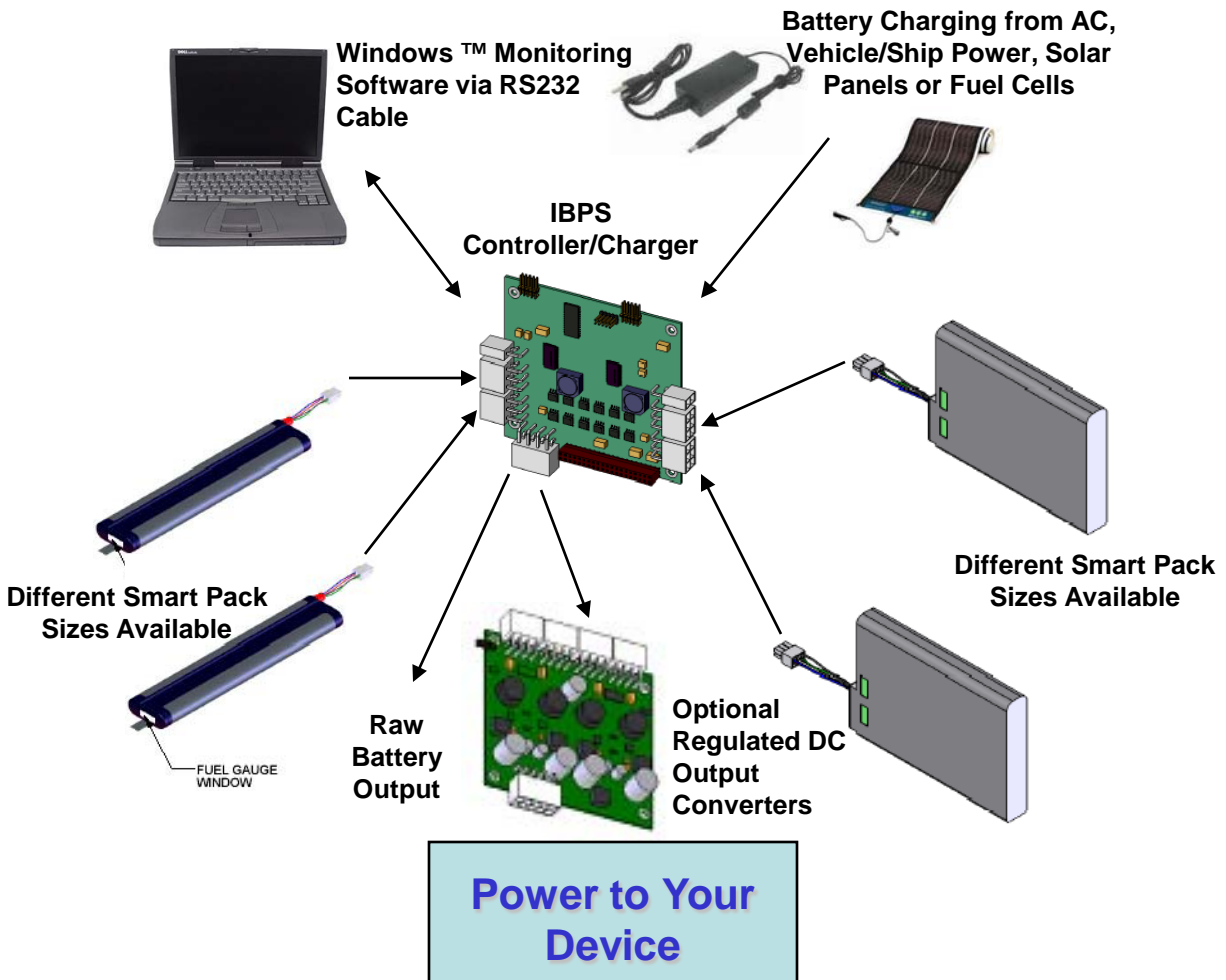
443-321-7581

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IBPS Battery System Model



Power to Your Device

Intended Applications: Supplying clean, lightweight, safe and space-saving portable power to the Industrial Control, Instrumentation, Marine (ROVs, AUVs), Medical, Military, Robotics, Ruggedized PC, and Telecommunications Equipment Segments.



Left: Self-Contained, Environmentally Secure, Portable EDPS Power8 Battery Box, Provides Portable Power for a Variety of Applications



Left: Clean, Portable, Safe, and Rechargeable Li-Ion Power System for PC104 Embedded Computers and Electronic Devices

4M Tower Illumination System



- Super-bright white/covert solid-state lighting system
- Directed white illumination of target area up to 1000 feet
- Covert IR illumination up to 1000 feet in IR spotlight illumination
- 10-hour battery-powered system operation
- 10-hour system battery recharge capability
- User-defined illumination energy within target field
- Highly portable, fixed-position mounting
- System configuration:
 - 2 light heads
 - 4-meter/13.1 ft. mast with guyed wire stability
 - 4 self-contained system cases
- Operates on Li-Ion power supply system
- Wireless system control and operation/optional wireless camera



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Portable Illumination System



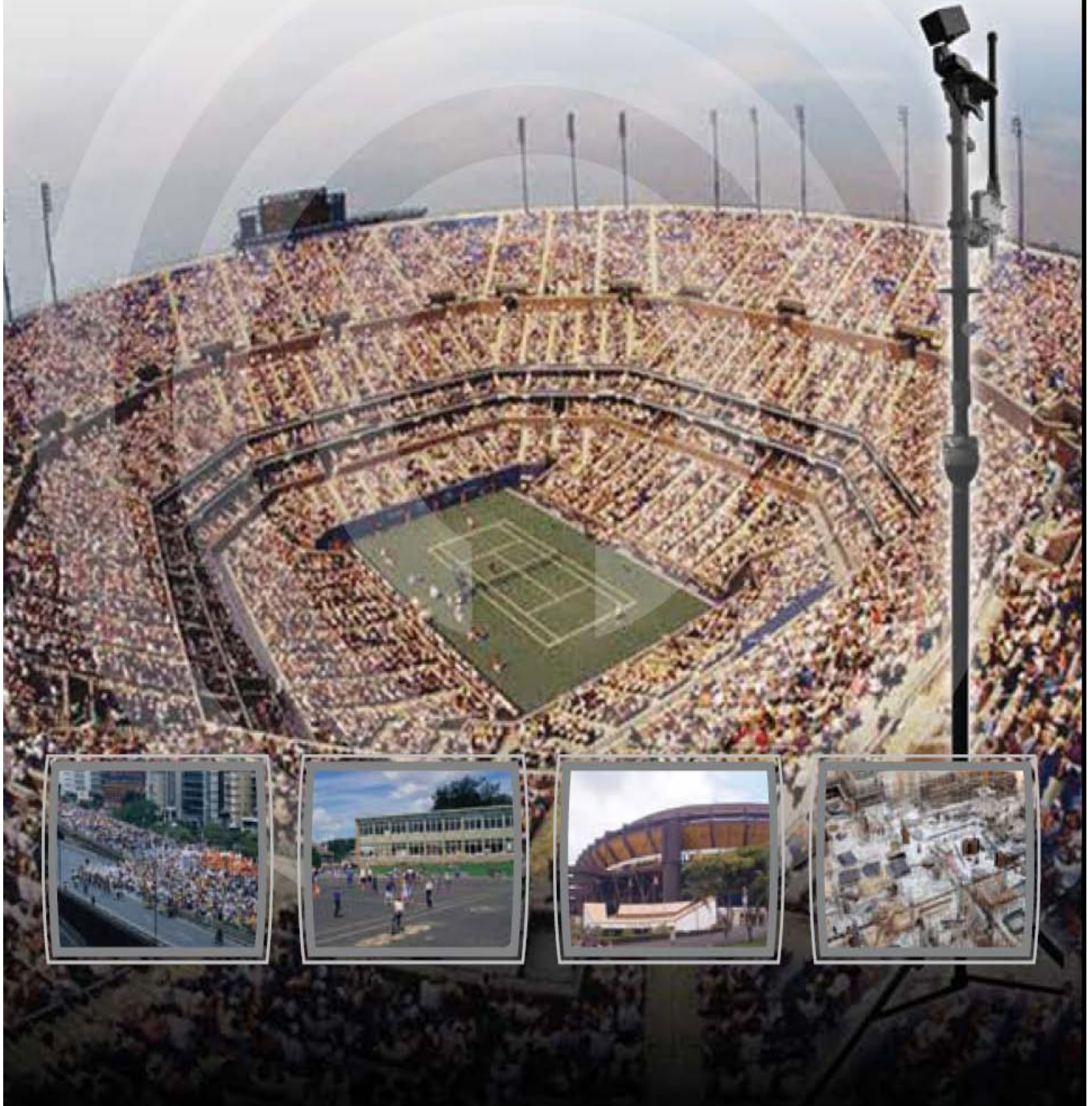
- Super-bright white solid-state lighting system
- Directed white illumination of target area up to 1000 feet
- Covert IR illumination up to 500 feet, with alternative configuration for up to 1000 feet
- User-defined illumination energy within target field
- Highly portable, fixed-position mounting also available
- System weight: 69 lbs.
 - 1 Quadpod, 1 Light Head
 - Self-Contained System Case
 - 1 Li-Ion Smart Battery Pack
- Li-Ion Smart Battery Pack provides over 20 hours of run time
- Wireless system control and operation
- Portable Perimeter & High Intensity Lighting Applications



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Portable Surveillance for Public Safety



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PRODUCT OVERVIEW

Originally developed for the US Military for rapid deployment, the Shadow architecture provides a highly portable, rugged, and easy to use wireless video surveillance system.

With Shadows deployed worldwide, and actively used in Iraq, Afghanistan, and Korea, this Military grade technology has been modified to support Public Safety needs.

By working with police, fire, and emergency response experts, an affordable, highly functional Shadow PS has evolved and is optimized to support the dynamic requirements of public safety agencies.

ADDRESSING THE ISSUES

It's impossible to try and force fit a military grade product into a civilian-centered public safety environment. Many glaring differences exist:

- **COST**—first and foremost, budgets are tight and operational requirements are many, so funding of technologies for State and Local agencies need to get a big bang for the buck.
- **LIMITED RESOURCES**—force extension is a huge priority. Technology rather than people should help fill the gaps.
- **URBAN ENVIRONMENT DEMANDS MOBILITY**—you must be highly nimble to navigate congestion/density. Equipment must be lightweight and easy to use.
- **NUMEROUS OPERATIONAL REQUIREMENTS**—systems must be easily customizable. Many camera, power, and transport options must be available. One size does not fit all.

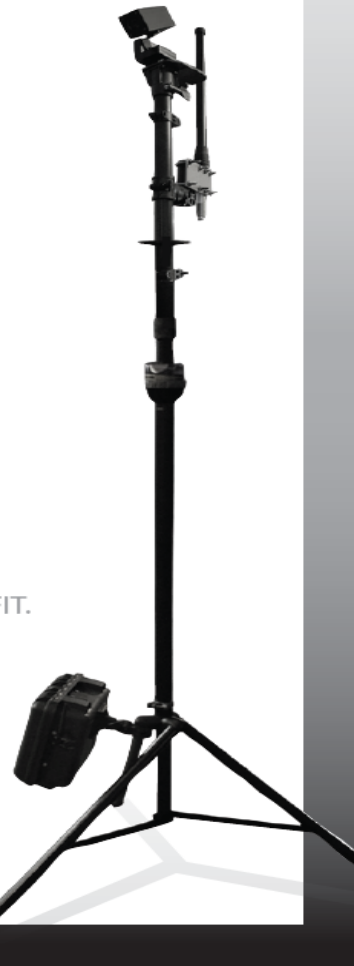
SHADOW™ PS

NOT A FORCE FIT, BUT A RETROFIT.

High quality portable video surveillance—built for public safety requirements. **Cost friendly, lightweight, nimble, and easy to set-up and use.**

Meeting your needs, your way.

WHEN IT MATTERS

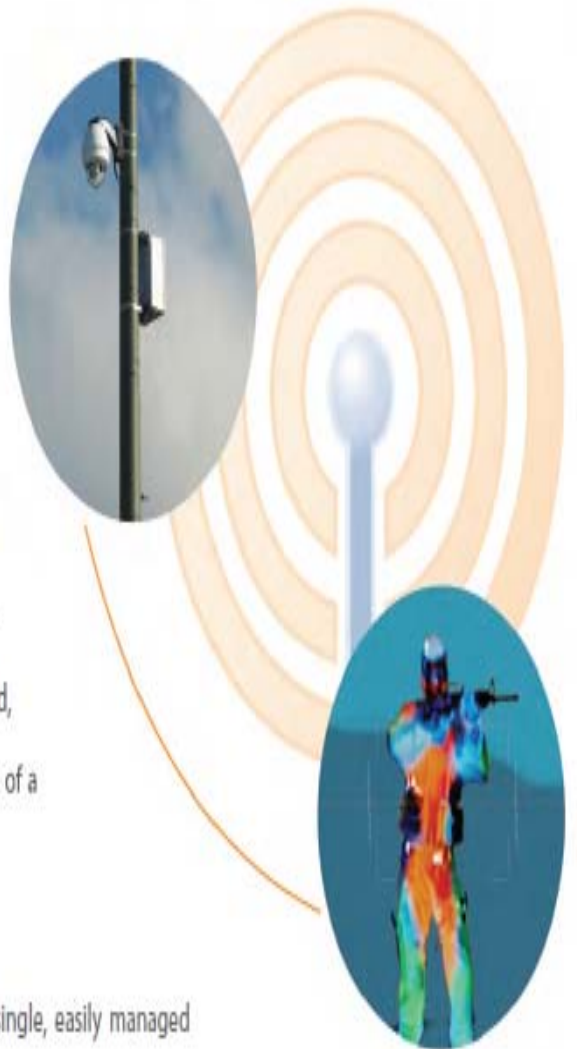


PHANTOM

Building on its legacy of innovation, SecurWireless continues to establish itself as the market leader for wireless video surveillance solutions. Like its landmark Shadow solution, currently in use by the military in operations throughout the world, the Phantom 1000 – the first entirely self-contained wireless surveillance system – was designed to be the most reliable, secure, and easy to install solution available. Due to the fully customizable nature of the Phantom 1000, the platform is as appropriate for private enterprise as it is for the most covert military engagement. Once mounted, Phantom's self-configuration allows the unit to be on-line and operational at the flick of a switch.

The Phantom incorporates all network, transmission and power requirements in a single, easily managed NEMA4 housing. It's not just smart — it's tough.

Entirely self-contained and weighing less than 25 lbs, Phantom 1000 units are quick to mount and easy to modify, making them the perfect solution for even the most challenging surveillance need. Like Shadow, Phantom is fully customizable. In addition to building each Phantom to need-based specifications and functional requirements, the unit can be configured to include object recognition and analytics, bi-directional audio, video archiving, alerts and more.



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SHADOW

SecurWireless garnered industry-wide attention when its revolutionary product, the Shadow, became the first military-grade, instantly deployable mobile wireless perimeter surveillance system.

Proving extremely effective and flexible in the field, Shadow soon became the basis for the Company's first customizable mobile surveillance platform for commercial markets. Replacing heavy-duty militarized components for technology more appropriate to commercial applications, SecurWireless launched the Shadow PS. The original military version, now known as the Shadow M1, remains in use in military operations worldwide.

At the core of the Shadow series is the SecurWireless proprietary "system-of-systems" technology platform, which leverages the company's knowledge resources and build expertise. Recognizing that every company faces its own unique set of challenges, each engagement begins with a comprehensive assessment process. This process sets the operational framework for recommending platform configuration options. Unlike other wireless systems where retrofitted "voice and data" products act as the transmission source, SecurWireless selects and integrates only the optimal components for the solution's intended application. The result is the most cost effective, rapidly deployable and easily maintained mobile wireless surveillance solution available.

The Shadow platform is made up of three main components: tripod, camera (fixed or PTZ), and Universal Back Plane™ that pack down into a small man-portable form factor. Add a dedicated laptop Command Station for intelligent remote monitoring, or integrate into existing command and control infrastructures. The Command Station's intuitive interface gives users precise control of all devices on the network, along with full, real-time, control of high quality video.



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SHADOW

FEATURES & BENEFITS

Shadow units from SecurWireless provide secure, instantly deployable, interoperable portable surveillance systems, where and when needed—fast.

- ❶ **MAN-PORTABLE** - A complete Shadow system weighs less than 50 lbs, and compacts down to a shoulder tote.
- ❷ **FLEXIBLE** - Easy to modify, the Shadow is built to adapt—meeting the demands of any surveillance project, no matter how unique.
- ❸ **SELF-HEALING** - The wireless mesh network self-configures and auto heals, maintaining all available connections to keep the network live in the event a link fails.
- ❹ **EXTENDABLE** - Connect many devices together with minimal reduction in network performance. Wirelessly cover a building, a perimeter, or an entire city.
- ❺ **OPEN** - Compliant with open standards, ensuring interoperability and easy integration, yet proprietary in design and functionality.
- ❻ **DATA SAFE** - A system of Shadow units working with multiple backhaul connections ensures redundancy.
- ❼ **RUGGED** - Shadow's engine is encased in a dependable, shock resistant, weatherproof, and portable unit. Cameras sit in an environmental, pressurized housing.
- ❽ **MANAGEABLE** - The Command Station monitors and manages live and recorded video, network status and performance, and both day-to-day and emergency situations.
- ❾ **BROAD REACH** - For early warning, place units beyond the perimeter. Direct line of sight to the head end is not required—Shadow provides eyes where there are blind spots—behind hills, vegetation, and buildings.
- ❿ **NIGHTVISION** - For low light environments—Shadow provides IR illuminators or thermal imaging cameras.



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