



Spectra[®], ExSite[™] and Esprit[®] Positioning Systems

REMOTE INSTALLATION/SERVICE TOOLS

Product Features

Remote Monitor Kit (IPS-RMK)

- Includes PDA, Monitor, IPS-CABLE, IPS-MINIADPT Adapter Cable, and Carrying Case
- Plugs into the RJ-45 Port of the Spectra III[™] SE/Spectra III Dome Drive or IPS-RDPE-2
- Plugs into Data Port of Spectra[®] Mini Dome System When Used with IPS-MINIADPT Adapter Cable
- Spectra III SE/Spectra III/Spectra Mini System – PTZ Control, Full Programmability, and Software Upload Capabilities
- ExSite[™]/Esprit[®] System – PTZ Control and Full Programmability When Used with the IPS-RDPE-2



**IPS-RMK
REMOTE MONITOR KIT**

Remote Data Port (IPS-RDPE-2)

- Designed to Provide Ground Level, Local Interface to Spectra III and ExSite/Esprit Series Systems When Using IPS-RMK or IPS-CABLE
- Mounts to a Pole or Wall Near Positioning System
- One Remote Data Port is Required Per Positioning System



**IPS-RDPE-2
REMOTE DATA PORT**



**IPS-CABLE
REMOTE MONITOR CABLE**

Remote Monitor Cable (IPS-CABLE)

- Serial Interface Cable for a Windows[®]-Based PC, Palm[™] OS Compatible Handheld, or iPaq[™] Pocket PC
- Connects to Spectra III SE/Spectra III Dome Drive or IPS-RDPE-2
- Plugs into Data Port of Spectra[®] Mini Dome System When Used with IPS-MINIADPT Adapter Cable

Pelco's remote monitor kit (**IPS-RMK**), remote data port (**IPS-RDPE-2**), and remote monitor cable (**IPS-CABLE**) are field service tools designed to assist in the installation and servicing of Spectra III SE/Spectra III, ExSite, Esprit, or any pan/tilt that uses Pelco's D protocol. Use these tools at the installation site to observe video, verify the operation of the PTZ controls, check the address and baud settings, and program the positioning system. Software upgrades* also can be performed with Spectra III SE/Spectra III/Spectra Mini domes and ExSite systems.

The **IPS-RMK** is a complete kit consisting of a 5.6-inch, TFT-LCD, battery-powered monitor; PDA handheld; carrying case; interface cables (including the **IPS-CABLE** and **IPS-MINIADPT**); and software. The kit plugs directly into the RJ-45 port of the Spectra III SE/Spectra III dome drive or the data port of the Spectra Mini dome drive for full control, setup, and upgrade capabilities. The **IPS-RMK**, when used with an **IPS-RDPE-2**, can also control pan/tilt/zoom functions and program a Spectra, ExSite, or Esprit positioning system or any other system that accepts Pelco's D protocol.

The **IPS-RDPE-2** remote data port brings all the functionality of the **IPS-RMK** and **IPS-CABLE** to ground level. The remote data port works with Spectra III, ExSite, and Esprit Series systems. The **IPS-RDPE-2** is compatible with coaxial video and UTP video control systems using D, P, or Coaxitron[®] protocols.

The **IPS-CABLE** (part of the **IPS-RMK**) can be ordered separately for those who wish to connect their own PC or PDA and monitor directly to the RJ-45 port of the **IPS-RDPE-2** or the Spectra III SE/Spectra III dome drive. It is compatible with most serial cable/connectors for Windows[®]-based PCs, Palm[™] OS compatible handhelds, and iPAQ[™] pocket PCs.

The **IPS-MINIADPT** adapter cable can be ordered separately for use with the **IPS-CABLE** or for use with **IPS-RMK** kits shipped prior to the introduction of the Spectra Mini dome system.

*Online software upgrades are available at pelco.com.



TECHNICAL SPECIFICATIONS

MODELS

| | |
|------------|---|
| IPS-RMK | Remote monitoring kit with PDA, monitor, IPS-CABLE, IPS-MINIADPT adapter cable, and carrying case |
| IPS-CABLE | Remote monitor cable |
| IPS-RDPE-2 | Remote data port for monitoring at ground level |

IPS-RMK

Palm™ OS Compatible Handheld

| | |
|-----------|--|
| Size | 4.7" H x 3.1" W x .7" D (11.9 x 7.9 x 1.8 cm) |
| Display | Advanced LCD with backlight |
| Expansion | Serial port |
| HotSync® | Serial cradle |
| Software | Spectra III Programming, PTZ control, and HotSync technology for local and remote synchronization with your PC |

Monitor

| | |
|-----------------------|---|
| Display | 5.6" diagonal, TFT-LCD, active matrix |
| Backlight | Built-in (CCFT) |
| Input Signal | NTSC/PAL (selectable) |
| Dot Format | 960 (H) x 234 (V) dots |
| Dot Pitch | 0.120 mm (H) x 0.360 mm (V) |
| Brightness Rating | 200 cd/m ² (Nit) |
| Number of Pixels | 224,640 dots |
| Contrast Ratio | 100:1 |
| Viewing Angle L/R/T/B | 40°/40°/10°/30° |
| Pixel Configuration | Stripe |
| Power Requirements | 12-15 VDC, 1 A |
| Power Consumption | 6.5 W |
| Battery Pack | Holds 8 AA or 10 NiCad, rechargeable batteries (batteries not included) |
| Battery Life | Approximately 2.5 hours |
| Input Signal Level | 1.0 Vp-p (positive) 75 ohms |
| Operating Temperature | 23° to 104°F (-5° to 40°C) |
| Storage Temperature | -13° to 108°F (-25° to 60°C) |
| Connectors | |
| Video In/Out | BNC, female |
| DC Input Power | 2.1 mm jack |

GENERAL

| | |
|-----------------|-----------------|
| Unit Weight | 2.9 lb (1.3 kg) |
| Shipping Weight | 6 lb (2.7 kg) |

CERTIFICATIONS/RATINGS

- CE, Class B
- FCC, Class B

IPS-CABLE

| | |
|------------|--|
| Connectors | |
| Receiver | One RJ-45 serial interface connector |
| Video | One BNC, male connector |
| Control | One serial DB-9 female connector (mating cable required for Palm™ OS compatible handheld and iPaq PC applications) |
| Length | 48" (122 cm) |

IPS-RDPE-2

ELECTRICAL

| | |
|-------------------|--------|
| Input Voltage | 24 VAC |
| Power Consumption | 1 VA |

MECHANICAL

| | |
|--------------|---|
| Construction | Aluminum |
| Finish | Gray polyester powder coat |
| Cable Entry | Two hole plugs; will accommodate 3/4-inch (1.91 cm) conduit |
| Mount Method | Four 0.375-inch (0.95 cm) holes on mounting plate |
| Latch | One stainless steel link-lock latch secured with screw; latch also can be secured with padlock (not supplied) |

GENERAL

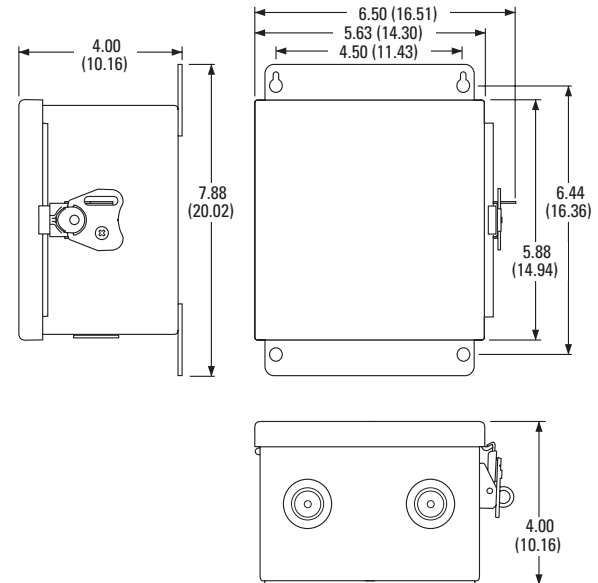
| | |
|-----------------|--------------------------------|
| Environment | Indoor/outdoor |
| Operating Range | -50°F to 122°F (-45°C to 50°C) |
| Unit Weight | 6.5 lb (2.95 kg) |
| Shipping Weight | 8 lb (3.63 kg) |

OPTIONAL ACCESSORY

| | |
|-------|--------------------|
| PA402 | Pole mount adapter |
|-------|--------------------|

CERTIFICATIONS/RATINGS

- UL Listed
- UL Listed to Canadian safety standards
- Meets NEMA Type 4X standards



NOTE: VALUES IN PARENTHESES ARE CENTIMETERS; ALL OTHERS ARE INCHES.

IPS-RDPE-2 DIMENSION DRAWING



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