



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[®] Dome Drive or IPS-RDPE-2
- Plugs into Data Port of Spectra Mini Dome System When Used with IPS-MINIADPT Adapter Cable
- Spectra*/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* 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* 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[®], 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/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 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, 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 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.

*The IPS-RMK, IPS-RDPE-2, and IPS-CABLE are compatible with Spectra III[™] Series and newer model dome systems. Spectra II[™] and previous dome systems do not support these products.

**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	0.7" D x 3.1" W x 4.7" H (1.8 x 7.9 x 11.9 cm)
Display	Advanced LCD with backlight
Expansion	Serial port
HotSync®	Serial cradle
Software	Spectra 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/m2 (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

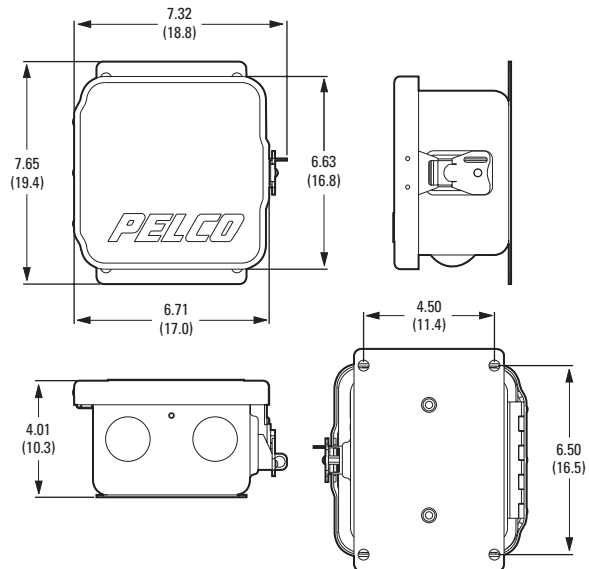
Environment	Indoor/outdoor
Operating Range	-50° to 122°F (-45° to 50°C)
Unit Weight	2.4 lb (1.1 kg)
Shipping Weight	8 lb (3.63 kg)

OPTIONAL ACCESSORY

PA402	Pole mount adapter
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CERTIFICATIONS/RATINGS

- UL Listed
- UL Listed to Canadian safety standards
- Meets NEMA Type 4X standards
- CE, Class B
- FCC, Class B



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

IPS-RDPE-2 DIMENSION DRAWING



Pelco Worldwide Headquarters:

3500 Pelco Way, Clovis, California 93612-5699 USA
USA & Canada Tel: (800) 289-9100 • FAX (800) 289-9150
International Tel: (559) 292-1981 • FAX (559) 348-1120
www.pelco.com

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