ExSite® Series Explosionproof Positioning System

PAN/TILT SYSTEM WITH IOP CAMERA AND OPTIONAL WIPER

Product Features

- Electropolished 316L Stainless Steel Construction
- Upright or Inverted Operation
- Receiver, Pan/Tilt, and Enclosure with an Integrated Optics Package (IOP)
- 2 Autofocus, High Resolution Integrated Optic Packages
  - 36X Day/Night, 128X Wide Dynamic Range, Motion Detection, and 540 TVL Horizontal Resolution
- Multilingual On-Screen Menus
- Password Protection
- Configurable Camera Settings
- On-Screen Compass, Tilt, and Zoom Display
- Variable Speed Pan: 0.1° to 40°/second with Proportional Pan
- 360° Continuous Pan Rotation
- Tilt Range of +90° to –90° from Horizontal
- Preset Positioning, Patterns, Multiple Scan Modes
- Designed for Minimal Maintenance
- Built-in System Memory
- Software Update and Setup Through Remote Data Port (IPS-RDPE-2)
- Password Protection to Prevent Unauthorized Changes to the System

**SHOWN WITH WXM100 WALL MOUNT
(NOT SUPPLIED)**

- On-Board Connector for
  - Pelco VC-UTP Video Converter
  - Pelco TXB Series Translator Boards for Use with Hernis and Other Protocols
  - Pelco FS85011A and Third-Party Fiber Optic Transmitters

The **ExSite® Pan/Tilt Series** are innovative integrated positioning systems that meet stringent explosionproof requirements. The **ExSite Pan/Tilt Series** not only combine a receiver, pan/tilt, and enclosure in a single, easy-to-install system, but also includes an Integrated Optics Package (IOP). The Integrated Optics Package contains an autofocus camera and lens module with configurable features.

The **ExSite Pan/Tilt Series** features a high resolution day/night camera with a removable infrared cut filter and a 36X zoom lens (36X optical, 12X digital).

The electropolished 316L stainless steel construction makes the **ExSite Pan/Tilt Series** ideal for all kinds of environmental conditions including marine applications. The system has an absolute operating temperature range of –76° to 140°F (–60° to 60°C). Within two hours after power-up, the entire unit can de-ice and be operational from a temperature of –13°F (–25°C).

The **ExSite Pan/Tilt Series** include an optional window wiper. The wiper is completely integrated into the enclosure and does not interfere with the viewing range of the system. The wiper can be configured to delay between wipes and to automatically shut off after

a specified period. A built-in heater, window defroster/defogger, sun shroud, and blower are standard features on the **ExSite Pan/Tilt Series**. All units also include three auxiliary output relays that can be configured for a variety of uses.

The **ExSite Pan/Tilt Series** variable pan and tilt speeds range from 0.1 to 40 degrees per second in manual pan, tilt, and preset mode. The **ExSite Pan/Tilt Series** is capable of 360 degrees of continuous pan rotation. The tilt range allows for horizontal viewing of –90 to +90 degrees. There are 80 preset positions with a preset accuracy of ±0.1 degree.

The systems are available with an input voltage of 24 VAC or with a power source of 100 to 240 VAC. The **ExSite Pan/Tilt Series** also have a power-up recovery mode that allows the user to specify what operation the system will resume whenever the power is cycled.

ExSite Pan/Tilt Series feature built-in system memory in the power module to store camera and location-specific pan/tilt settings, including labels, presets, patterns, and zones. These settings are automatically down-loaded if a new pan and tilt body is installed.

PELCO

by Schneider Electric

TECHNICAL SPECIFICATIONS

PRODUCT FEATURES

- Integral Multiprotocol Receiver/Driver
- 360° Continuous Pan Rotation, Tilt Range ±90°
- Quick and Easy Installation
- Designed for Minimal Maintenance, No Gears to Adjust
- 2-Year Continuous-Duty Warranty
- Upright or Inverted Installation

SOFTWARE/HARDWARE

- Configurable Power-up Mode
- Configurable Park
- Sun Shroud, Heater/Window Defroster, and Blower All Standard
- 80 Presets with Custom Camera Settings and Labels
- ±0.1° Preset Accuracy
- Multilingual Menus (English, Spanish, Portuguese, Italian, French, German, Russian, Polish, Turkish, and Czech)
- On-Screen Compass, Tilt, and Zoom Display
- Password Protection
- 8 Zones (configurable in size) Can Be Labeled with Up to 20 Characters Each or Set to Output Blank Video
- Configurable Locations of Labels and On-Screen Displays
- 7 Alarm Inputs
- 3 Relay Outputs
- Action on Alarm: Alarms can be individually configured for 3 priority levels, to initiate a stored pattern, or to go to an associated preset when received
- Resume After Alarm: Allows the pan/tilt to return to a previously configured state after alarm acknowledgement or to its previous position before alarm
- Patterns: Up to 4, on-screen, user-defined configurable patterns; includes pan, tilt, zoom, and preset functions
- Proportional Pan/Tilt: Continually decreases pan and tilt speeds in proportion to depth of zoom
- Variable Scan Speed: Scan speed can be configurable between 1° and 40°/sec
- Configurable Limit Stops for Auto/Random/Frame Scan Modes
- Autosensing Protocol (Coaxitron®, RS-422 Pelco P and Pelco D); Accepts Competitive Control Protocol with Optional Translator Card
- Built-in Menu System for Setup of Configurable Functions

ALL CAMERAS

- Autofocus with Manual Override
- Auto Iris with Manual Override
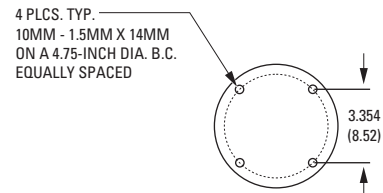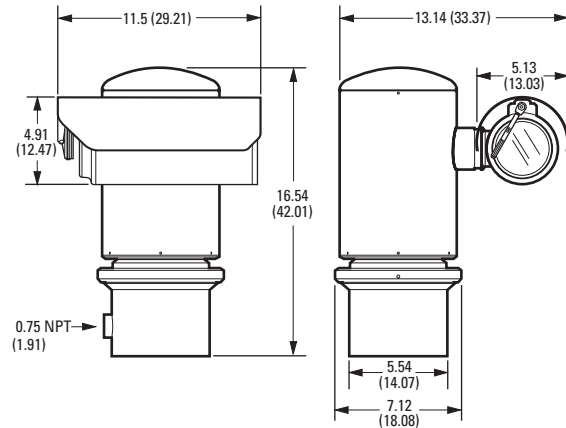- Configurable Settings
- AC Line Lock
- NTSC/PAL

ELECTRICAL

Input Voltage	24 VAC or 100 to 240 VAC, 50/60 Hz
Input Voltage Range	±10%
Power Consumption	Maximum 60 W (120 VA) per system
Heater and Defroster	Microprocessor controlled
Electrical Connections	6-foot pigtail wire harness with connections for power, video, data control, alarm inputs, and auxiliary outputs
Auxiliary Outputs	3 N/O or N/C relays, 32 VDC, 0.5 A. Relay 3 is allocated specifically for an external washer (not supplied by Pelco).
Alarm Inputs	7

MECHANICAL

Cable Entry	One 0.75-inch (1.91 cm) NPT threaded opening; one explosionproof sealable fitting supplied
Pan Movement	360° Continuous pan rotation
Vertical Tilt	Unobstructed +90° to −90°
Variable Pan/Tilt Speed	
Pan	0.1° to 40°/sec variable-speed operation
Tilt	0.1° to 40°/sec variable-speed operation
Preset Speeds	
Pan	40°/sec
Tilt	40°/sec

Note: *Please contact Pelco for information on the dimensions of the flameproof joints.*

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

GENERAL

|	
Construction	316L stainless steel
Finish	Electropolish
Viewing Window	0.50-inch (12.7 mm) thick, soda-lime tempered glass
Operating Temperature	−76° to 140°F (−60° to 60°C)
Unit Weight	55 lb (25 kg)
Shipping Weight	73 lb (33 kg)
Effective Projected Area (EPA)	40.8 square inches

CAMERA/OPTICS

	Day/Night (36X)
Signal Format	NTSC, PAL
Scanning System	2:1 Interlace

Image Sensor
  Effective pixels
    NTSC
    PAL
	1/4-inch Progressive Scan CCD
	
	768 (H) x 494 (V)
	752 (H) x 582 (V)

Horizontal Resolution
  NTSC
  PAL
	
	540 TV lines
	540 TV lines

Lens	f/1.4 (focal length, 3.3 ~ 119 mm optical)
Zoom	36X optical, 12X digital
Configurable Zoom Speed (Optical Range)	2.9/4.2/5.8 seconds

Horizontal
  Angle of View
 	
  Focus
	
	54° at 3.6 mm wide zoom;
	2.5° at 82.8 mm telephoto zoom
	Automatic with manual override

Maximum Sensitivity at 35 IRE
  NTSC
 	
  PAL
	
	0.018 lux at 1/2 sec shutter **(color)**
	0.55 lux at 1/60 sec shutter **(B-W)**
	0.00018 lux at 1/2 sec shutter **(B-W)**
	0.015 lux at 1/1.5 sec shutter **(color)**
	0.45 lux at 1/50 sec shutter **(B-W)**
	0.00015 lux at 1/1.5 sec shutter **(B-W)**

Sync System	Internal/AC line lock, phase adjustable using remote control, V-Sync*
White Balance	Automatic with manual override*

Shutter Speed
  NTSC
  PAL
	Automatic (electronic iris)/Manual
	1/2 ~ 1/30,000*
	1/1.5 ~ 1/30,000*

Iris Control	Automatic Iris Control with manual override*
Gain Control	Automatic/OFF*
Video Output	1 Vp-p, 75 ohms
Video Signal to Noise	>50 dB

*Manual control of camera setup functions can be done with CM6700, CM6800, CM9760, CM9770, CM9780, KBD200A, KBD300A, and MPT9500 controllers. Manual control of cameras cannot be done with CM7500, MPT9000, or KBD9000 controllers.

CERTIFICATIONS/RATINGS

- FCC
- UL/cUL Listed
- UL/cUL Hazardous Locations Listed per NEC Division and Zone requirement
  Class I, Groups A, B, C, and D
  Class II, Groups E, F, G, T5
  Class I, Zone 1, AEx d IIC
- AEx tD 21 T105°C
- BR-Ex d IIC, T5, IP66
  04/UL-BRAE-0027
- IECEx UL 11.0007X
- Ex d IIC T5 Gb
- Ex tb IIIC T105°C Db IP66
- DEMKO 04 ATEX 0413858X
  CE 0539 ⟨Ex⟩ II 2 G Ex d IIC, T5 Gb
  ⟨Ex⟩ II 2 D Ex tb IIIC T105°C Db IP66
- Tamb −60°C to 60°C
- NEPSI-China, Ex d IIC, T5, Cert No. GYJ05584
- C-Tick
- S Mark for Argentina
- Meets NEMA Type 4X standards
- Lloyd's Register Type Approval: Marine, offshore, and industrial installations for use in environmental categories ENV1, ENV2, and ENV5; Certificate No. 06/60001

MOUNTING ACCESSORIES

MODELS

WXM100 — Wall mount designed to mount the ExSite Series system to a load-bearing vertical surface

PXM100 — Pedestal mount designed to mount an ExSite Series system directly to a horizontal surface in either an upright or inverted position

CMXM100 — Corner adapter for use with the WXM100 to mount an ExSite Series system to the corner of a structure

PAXM100 — Pole adapter for use with the WXM100 to mount a system to a vertical pole or with a PXM100 to mount a system to a horizontal pole; recommended pole diameter is 4 to 9 inches (10.16 to 22.86 cm)
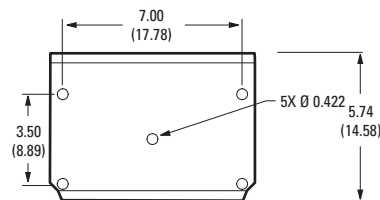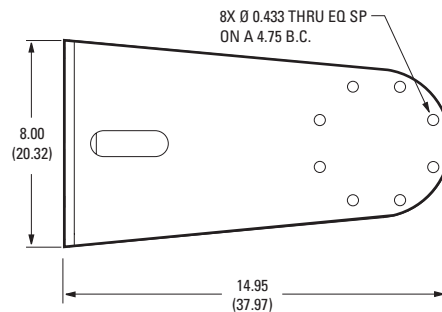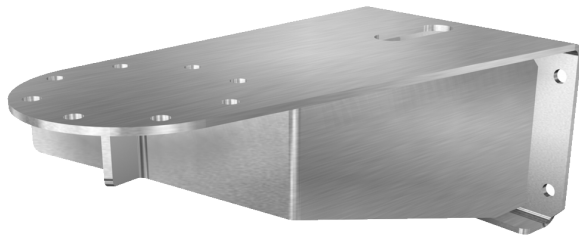
GENERAL

Construction
- Mounts — Electropolished 304 stainless steel
- PAXM100 Mounting Straps — 316 stainless steel

Maximum Load
- WXM100 — 73 lb (33.00 kg)
- CMXM100 — 85 lb (38.50 kg)
- PAXM100 — 88 lb (40.00 kg)
- PXM100 — 79 lb (35.83 kg)

Unit Weight
- WXM100 — 12.4 lb (5.62 kg)
- CMXM100 — 7.6 lb (3.45 kg)
- PAXM100 — 9.2 lb (4.17 kg)
- PXM100 — 1.3 lb (0.60 kg)

Shipping Weight (approximate)
- WXM100 — 17 lb (7.71 kg)
- CMXM100 — 13 lb (5.89 kg)
- PAXM100 — 14 lb (6.35 kg)
- PXM100 — 4 lb (1.81 kg)

MECHANICAL

Mounting Method	Recommended Mounting Surface	Recommended Hardware
WXM100, CMXM100*, and PXM100	Solid concrete with the recommended strength of 3,600 psi or 25 Mpa	Five 3/8-16 x 1-9/16-inch long stainless steel drop-in anchors and five 3/8-16 x 1.0-inch thread length, stainless steel hex head bolts with stainless steel lock washers (not supplied)
	Steel I beam with a minimum of 1/8-inch wall	Five 3/8-16 x 1.0-inch thread length, stainless steel hex head bolts with stainless steel lock washers and 3/8-16 stainless steel nuts (not supplied)
PAXM100*	Steel pole with a diameter of 4 to 9 inches (10.16 to 22.86 cm)	Four 5/8-inch wide x 40-inch (101.6 cm) long stainless steel straps to attach the adapter to a pole (supplied)

* Five 3/8-16 x 1.0-inch thread length, stainless steel hex head bolts with lock washers are supplied with the CMXM100 and PAXM100 to be used with the WXM100 wall mount or PXM100 pedestal mount.
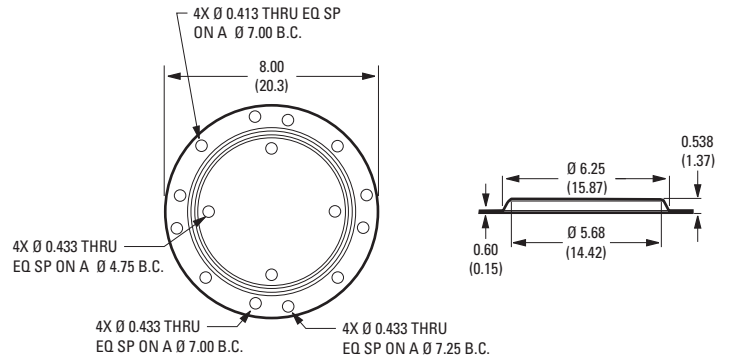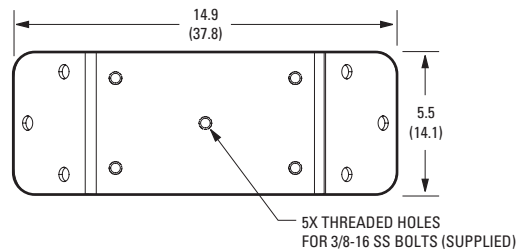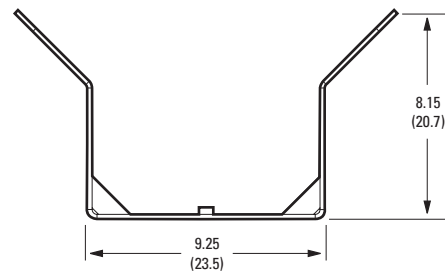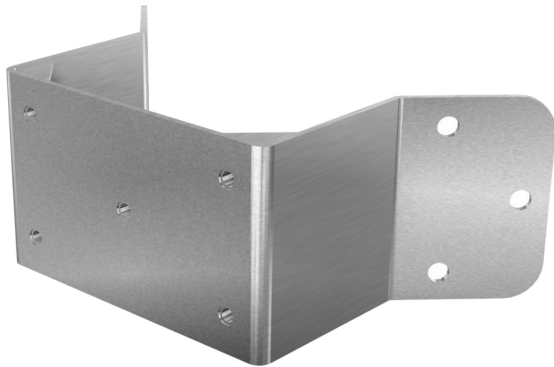
WXM100 WALL MOUNT

8X Ø 0.433 THRU EQ SP ON A 4.75 B.C.

8.00 (20.32)

14.95 (37.97)

7.00 (17.78)

3.50 (8.89)

5X Ø 0.422

5.74 (14.58)

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

PXM100 PEDESTAL MOUNT

4X Ø 0.413 THRU EQ SP
ON A Ø 7.00 B.C.

8.00
(20.3)

0.538
(1.37)

Ø 6.25
(15.87)

4X Ø 0.433 THRU
EQ SP ON A Ø 4.75 B.C.

Ø 5.68
(14.42)

0.60
(0.15)

4X Ø 0.433 THRU
EQ SP ON A Ø 7.00 B.C.

4X Ø 0.433 THRU
EQ SP ON A Ø 7.25 B.C.

CMXM100 CORNER ADAPTER

Note: Designed for use with a WXM100 wall mount.
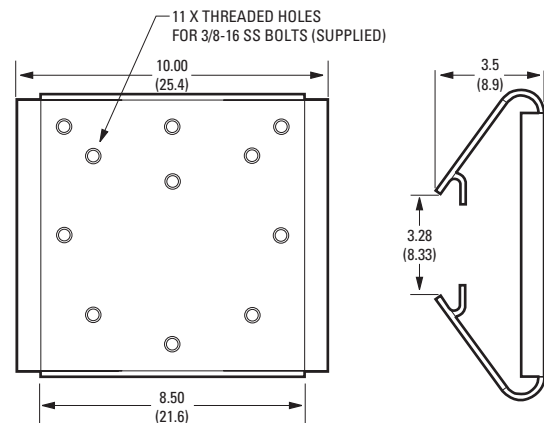
8.15
(20.7)

9.25
(23.5)

14.9
(37.8)

5.5
(14.1)

5X THREADED HOLES
FOR 3/8-16 SS BOLTS (SUPPLIED)

PAXM100 POLE ADAPTER

11 X THREADED HOLES
FOR 3/8-16 SS BOLTS (SUPPLIED)

10.00
(25.4)

3.5
(8.9)

3.28
(8.33)

8.50
(21.6)

Note: Designed for use with a WXM100 to mount a system to a vertical pole or a PXM100 to mount the system to a horizontal pole. Recommended pole diameter is 4 to 9 inches (10.16 to 22.86 cm).

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

MODEL NUMBERS

SYSTEM MODEL NUMBERS

	Model	Format	24 VAC	100-240 VAC
36X Day/ Night	Standard	NTSC PAL	IPSXM3036-2 IPSXM3036-2X	IPSXM3036-7 IPSXM3036-7X
	With Wiper	NTSC PAL	IPSXM3136-2 IPSXM3136-2X	IPSXM3136-7 IPSXM31367X

COMPONENT MODEL NUMBERS

Power Module	PTZ	Camera Module	
IPSXM-2 24 VAC IPSXM-7 100 to 240 VAC	IPSXMPT30 No Wiper	IPSXM3036 IPSXM3036X	Day/Night (NTSC) camera (420X) no wiper Day/Night (PAL) camera (420X) no wiper
	IPSXMPT31 With Wiper	IPSXM3136 IPSXM3136X	Day/Night (NTSC) camera (420X) with wiper Day/Night (PAL) camera (420X) with wiper

OPTIONAL ACCESSORIES

TXB Series*
Translator boards for AD Manchester, Hernis, Bosch® (Philips®, Burle), Sensormatic®, TASS, Vicon™, and NTCIP™ protocols.

IPS-CABLE
Remote monitor cable and software kit.

IPS-RDPE-2*
Remote data port. 24 VAC, wall/pole mount video/data breakout box. Allows ground-level control/configuration when used with the IPS-CABLE.

VC-UTP
Converts video for use with unshielded twisted pair (UTP); cannot be used simultaneously with TXB translator boards.

FS85011A Series*
Factory-installed fiber transmitter sends one unidirectional composite video channel and one bidirectional data channel over on multimode or single-mode fiber optic cable.
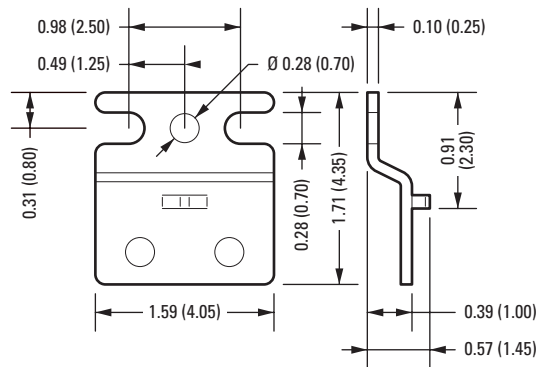
EXAC
Factory-installed increased safety (Ex e) potted cable interface and junction box with screw-down terminal for quick connection and easy installation.

*If TXB or FS85011A boards are installed, remote upload of system software will not be possible.

EXAC JUNCTION BOX
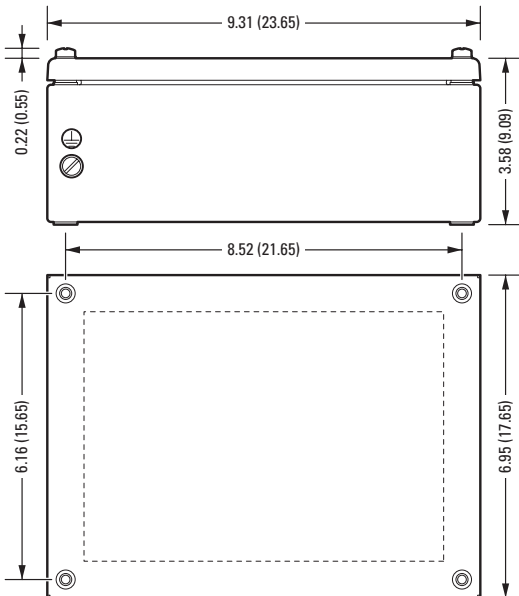
EXAC MOUNTING BRACKET

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

ExSite® Fixed Series Explosionproof Camera System

CAMERA SYSTEM WITH IOP CAMERA AND OPTIONAL WIPER

Product Features

- Electropolished 316L Stainless Steel Construction
- Upright or Inverted Installation
- Manual 200° Pan and 180° Tilt Adjustments
- Receiver and Enclosure with Integrated Optics Package (IOP)
- For Use in a Variety of Harsh and/or Hazardous Environments, including Marine Environments
- 2 Autofocus High Resolution Integrated Camera/Optics Packages
  – 36X Day/Night, 128X Wide Dynamic Range, Motion Detection, and 540 TVL Horizontal Resolution
  – Multilingual On-Screen Menus
  – Password Protection
  – Autofocus with Manual Override
  – Configurable Camera Settings
  – Auto Iris with Manual Override
- Integral Multiprotocol Receiver/Driver
- Meets NEMA Type 4X and IP66 Standards
- Designed for Minimal Maintenance
- Password Protection

- On-Board Connector for
  – Pelco VC-UTP Video Connector
  – Pelco TXB Series Translator Boards for Use with Hernis and Other Protocols
  – Pelco FS85011A and Third-Party Fiber Optic Transmitters

The **ExSite Fixed Series** explosionproof camera enclosures are designed to meet the rigorous requirements of explosionproof and dust-ignitionproof electrical equipment for installation and use in hazardous locations. The system can be installed in a standard or inverted position and features manually adjustable 200 degrees of pan and 180 degrees of tilt positioning.

All units feature an integrated camera and lens package with LowLight™ technology. The day/night model features a 36X lens, built-in motion detection and 128X wide dynamic range imager.

The electropolished 316L stainless steel construction makes the **ExSite Fixed Series** ideal for either indoor or outdoor applications. The system has an absolute operating temperature range of –76° to 140°F (–60° to 60°C). Within two hours after power-up, the entire unit can de-ice and be operational from a temperature of –13°F (–25°C).

The systems are available with an input voltage of 24 VAC or with a power source of 100 to 240 VAC.

The **ExSite Fixed Series** includes an optional window wiper. The wiper is completely integrated into the enclosure and does not interfere with the viewing range of the system. The wiper can be configured to delay between wipes and to automatically shut off after a specified period. The wiper design also allows for easy replacement of the wiper blade. A built-in heater, window defroster/defogger, sun shroud, and blower are standard features on the **ExSite Fixed Series** units. All units also include three auxiliary output relays that can be configured for a variety of uses including third-party washer systems.

Also available are video conversion modules for applications using unshielded twisted pair (UTP) and fiber. Refer to *Optional Accessories* for information.

PELCO™

by Schneider Electric

International Standards
Organization Registered Firm;
ISO 9001 Quality System

ISO 9001 CERTIFIED

C1306 / REVISED 11-14-12

PRODUCT FEATURES
- Integral Multiprotocol Receiver/Driver
- Quick and Easy Installation

SOFTWARE/HARDWARE
- Multilingual Menus (English, Spanish, Portuguese, Italian, French, and German)
- Alternate Language Files (includes Russian, Polish, Turkish) Available as Optional Software Upload
- Password Protection
- Configurable Locations of Labels and On-Screen Displays
- Autosensing Protocol (Coaxitron®, RS-422 Pelco P and Pelco D); Accepts Competitive Control Protocol with Optional Translator Card
- Built-in Menu System for Setup of Configurable Functions

ALL CAMERAS
- Autofocus with Manual Override
- Auto Iris with Manual Override
- Configurable Settings
- AC Line Lock
- NTSC/PAL

ELECTRICAL

Input Voltage	24 VAC or 100 to 240 VAC, 50/60 Hz
Input Voltage Range	±10%
Power Consumption	Maximum 60 W (120 VA)
Heater and Defroster	Microprocessor controlled
Electrical Connections	6-foot pigtail wire harness with connections for power, video, alarm inputs, and auxiliary outputs.

MECHANICAL

Cable Entry	One 0.75-inch (1.91 cm) NPT threaded opening; explosionproof sealable fitting (supplied)

Note: *Please contact Pelco for information on the dimensions of the flameproof joints.*
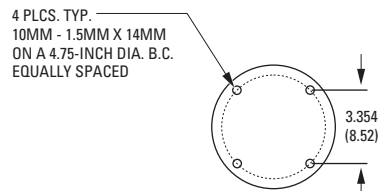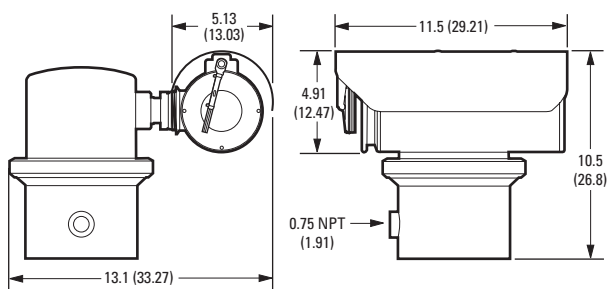
NOTE: VALUES IN PARENTHESES ARE CENTIMETERS; ALL OTHERS ARE INCHES.

GENERAL

|	
Construction	316L stainless steel
Finish	Electropolish
Viewing Window	0.50-inch (12.7 mm) thick, soda-lime tempered glass
Operating Temperature	–76° to 140°F (–60° to 60°C)
Unit Weight	34.7 lb (11.33 kg)
Shipping Weight	40 lb (18.14 kg) approximate
Effective Projected Area (EPA)	31.1 square inches

CAMERA/OPTICS

	Day/Night (36X)
Signal Format	NTSC, PAL
Scanning System	2:1 interlace
Image Sensor Effective pixels NTSC PAL	1/4-inch progressive scan CCD 768 (H) x 494 (V) 752 (H) x 582 (V)
Horizontal Resolution NTSC PAL	540 TV lines 540 TV lines
Lens	f/1.4 (focal length, 3.3 ~ 119 mm optical)
Zoom	36X optical, 12X digital
Zoom Speed	2.9/4.2/5.8 seconds
Horizontal Angle of View Focus	57.2° at 3.3 mm wide zoom; 1.7° at 119 mm telephoto zoom Automatic with manual override
Maximum Sensitivity at 35 IRE NTSC PAL	 0.018 lux at 1/2 sec shutter (color) 0.55 lux at 1/60 sec shutter (B-W) 0.00018 lux at 1/2 sec shutter (B-W) 0.015 lux at 1/1.5 sec shutter (color) 0.45 lux at 1/50 sec shutter (B-W) 0.00015 lux at 1/1.5 sec shutter (B-W)
Sync System	Internal/AC line lock, phase adjustable using remote control, V-Sync*
White Balance	Automatic with manual override*
Shutter Speed NTSC PAL	Automatic (electronic iris)/Manual 1/2 ~ 1/30,000* 1/1.5 ~ 1/30,000*
Iris Control	Automatic Iris Control with manual override*
Gain Control	Automatic/OFF*
Video Output	1 Vp-p, 75 ohms
Video Signal to Noise	>50 dB

*Manual control of camera setup functions can be done with CM6700, CM6800, CM8500, CM9500, CM9740, CM9760, CM9770, CM9780, KBD200A, KBD300A, and MPT9500 controllers. Manual control of cameras cannot be done with CM7500, MPT9000, or KBD9000 controllers.

CERTIFICATIONS/RATINGS

- FCC
- UL/cUL Listed
- UL/cUL Hazardous Locations Listed per NEC Division and Zone requirement
  Class I, Groups A, B, C, and D
  Class II, Groups E, F, G, T5
  Class I, Zone 1, AEx d IIC
- AEx tD 21 T105°C
- BR-Ex d IIC, T5, IP66
  04/UL-BRAE-0027
- IECEx UL 11.0007X
- Ex d IIC T5 Gb
- Ex tb IIIC T105°C Db IP66
- DEMKO 04 ATEX 0413858X
  CE 0539 ⟨Ex⟩ II 2 G Ex d IIC, T5 Gb
  ⟨Ex⟩ II 2 D Ex tb IIIC T105°C Db IP66
- Tamb –60°C to 60°C
- NEPSI-China, Ex d IIC, T5, Cert No. GYJ05584
- C-Tick
- S Mark for Argentina
- Meets NEMA Type 4X standards
- Lloyd's Register Type Approval: Marine, offshore, and industrial installations for use in environmental categories ENV1, ENV2, and ENV5; Certificate No. 06/60001

MODELS

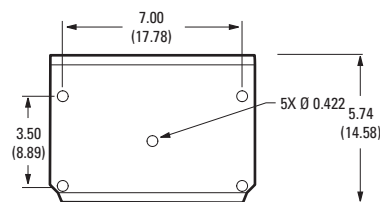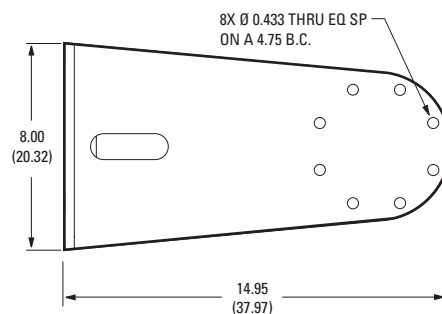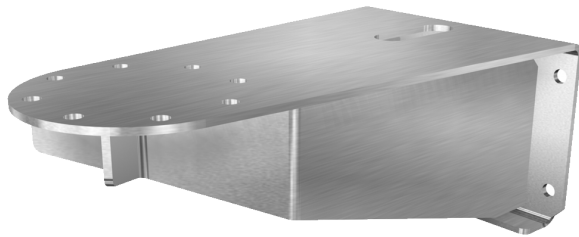|	
WXM100	Wall mount designed to mount the EHXM Series system directly to a load-bearing vertical surface
PXM100	Pedestal mount designed to mount an EHXM Series system directly to a horizontal surface in either an upright or inverted position
CMXM100	Corner adapter for use with the WXM100 to mount an EHXM Series system to the corner of a structure
PAXM100	Pole adapter for use with the WXM100 to mount a system to a vertical pole or with a PXM100 to mount a system to a horizontal pole; recommended pole diameter is 4 to 9 inches (10.16 to 22.86 cm)

GENERAL

Construction
Mounts	Electropolished 304 stainless steel
PAXM100 Mounting Straps	316 stainless steel

Maximum Load
WXM100	73 lb (33.00 kg)
CMXM100	85 lb (38.50 kg)
PAXM100	88 lb (40.00 kg)
PXM100	79 lb (35.83 kg)

Unit Weight
WXM100	12.4 lb (5.62 kg)
CMXM100	7.6 lb (3.45 kg)
PAXM100	9.2 lb (4.17 kg)
PXM100	1.3 lb (0.60 kg)

Shipping Weight (approximate)
WXM100	17 lb (7.71 kg)
CMXM100	13 lb (5.89 kg)
PAXM100	14 lb (6.35 kg)
PXM100	4 lb (1.81 kg)

MECHANICAL

Mounting Method	Recommended Mounting Surface	Recommended Hardware
WXM100, CMXM100*, and PXM100	Solid concrete with the recommended strength of 3,600 psi or 25 Mpa	Five 3/8-16 x 1-9/16-inch long stainless steel drop-in anchors and five 3/8-16 x 1.0-inch thread length, stainless steel hex head bolts with stainless steel lock washers (not supplied)
	Steel I beam with a minimum of 1/8-inch wall	Five 3/8-16 x 1.0-inch thread length, stainless steel hex head bolts with stainless steel lock washers and 3/8-16 stainless steel nuts (not supplied)
PAXM100*	Steel pole with a diameter of 4 to 9 inches (10.16 to 22.86 cm)	Four 5/8-inch wide x 40-inch (101.6 cm) long stainless steel straps to attach the adapter to a pole (supplied)

*Five 3/8-16 x 1.0-inch thread length, stainless steel hex head bolts with lock washers are supplied with the CMXM100 and PAXM100 to be used with the WXM100 wall mount or PXM100 pedestal mount.
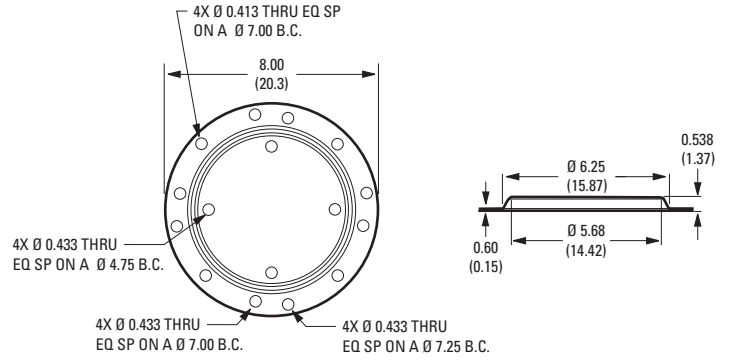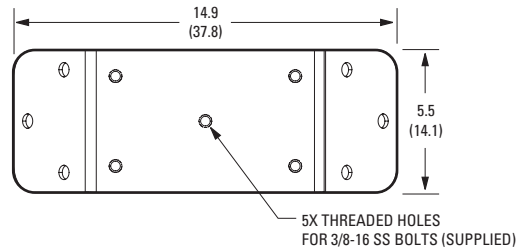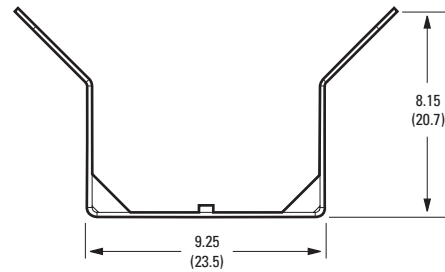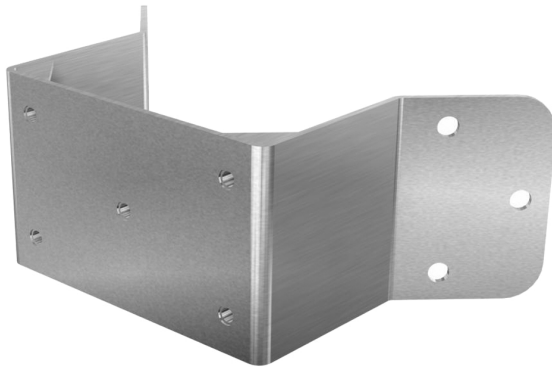
WXM100 WALL MOUNT

8X Ø 0.433 THRU EQ SP ON A 4.75 B.C.

8.00 (20.32)

14.95 (37.97)

7.00 (17.78)

3.50 (8.89)

5X Ø 0.422

5.74 (14.58)

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

PXM100 PEDESTAL MOUNT

4X Ø 0.413 THRU EQ SP
ON A Ø 7.00 B.C.

8.00
(20.3)

0.538
(1.37)

Ø 6.25
(15.87)

4X Ø 0.433 THRU
EQ SP ON A Ø 4.75 B.C.

Ø 5.68
(14.42)

0.60
(0.15)

4X Ø 0.433 THRU
EQ SP ON A Ø 7.00 B.C.

4X Ø 0.433 THRU
EQ SP ON A Ø 7.25 B.C.

CMXM100 CORNER ADAPTER

8.15
(20.7)

9.25
(23.5)

14.9
(37.8)

5.5
(14.1)

5X THREADED HOLES
FOR 3/8-16 SS BOLTS (SUPPLIED)

Note: *Designed for use with a WXM100 wall mount.*

PAXM100 POLE ADAPTER

11 X THREADED HOLES
FOR 3/8-16 SS BOLTS (SUPPLIED)

10.00
(25.4)

3.5
(8.9)

3.28
(8.33)

8.50
(21.6)

Note: *Designed for use with a WXM100 to mount a system to a vertical pole or a PXM100 to mount the system to a horizontal pole. Recommended pole diameter is 4 to 9 inches (10.16 to 22.86 cm).*

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

SYSTEM MODEL NUMBERS

	Model	Format	24 VAC	100-240 VAC
36X Day/ Night	Standard	NTSC PAL	EHXM3036-2 EHXM3036-2X	EHXM3036-7 EHXM3036-7X
	With Wiper	NTSC PAL	EHXM3136-2 EHXM3136-2X	EHXM3136-7 EHXM3136-7X

COMPONENT MODEL NUMBERS

Power Module		Enclosure	Camera Module	
IPSXM-2	24 VAC	EHXM30 No Wiper	IPSXM3036 IPSXM3036X	Day/Night (NTSC) camera (432X) no wiper Day/Night (PAL) camera (432X) no wiper
IPSXM-7	100 to 240 VAC	EHXM31 With Wiper	IPSXM3136 IPSXM3136X	Day/Night (NTSC) camera (432X) with wiper Day/Night (PAL) camera (432X) with wiper

OPTIONAL ACCESSORIES

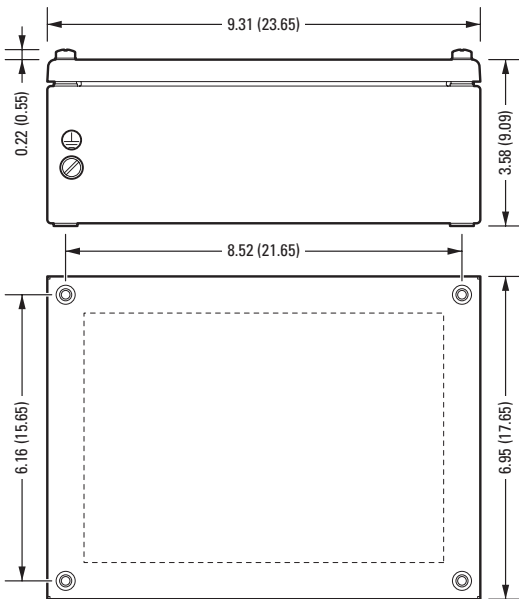| TXB Series*	Translator boards for AD Manchester, Hernis, Bosch® (Philips®, Burle), Sensormatic®, TASS, Vicon™, and NTCIP™ protocols.
IPS-CABLE	Remote monitor cable and software kit
IPS-RDPE-2*	Remote data port. 24 VAC, wall/pole mount video/data breakout box. Allows ground-level control/configuration when used with the IPS-CABLE (no code upload).

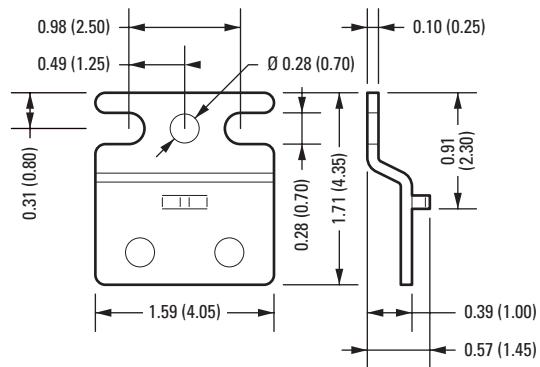| VC-UTP	Converts video for use with unshielded twisted pair (UTP); cannot be used simultaneously with TXB translator boards.
FS85011A Series*	Factory-installed fiber transmitter sends one unidirectional composite video channel and one bidirectional data channel over one multimode or single-mode fiber optic cable.
EXAC	Factory-installed increased safety (Ex e) potted cable interface and junction box with screw-down terminal for quick connection and easy installation.

*If TXB or FS85011A boards are installed, remote upload of system software will not be possible.

EXAC JUNCTION BOX

EXAC MOUNTING BRACKET

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