EH20 Series Enclosure

COMPACT, INDOOR/ENVIRONMENTAL, IP-ENABLED

Product Features

- High Reliability Die-Cast Construction
- Temperature Range from –30° to 50°C (–22° to 122°F)
- Meets IP66 and Type 4X Standards
- IK10 Mechanical Impact Resistance (Mechanical Enclosure Only; Not the Front Window)
- Vandal Resistant
- All Models Include Heater and Blower
- 24VAC, Power Over Ethernet (PoE), and mains power models
- Advanced Optics for Megapixel Camera Support
- Cable Entry Glands and Mounting Holes on Bottom of Enclosure
- Easy Access for Servicing and Installation
- Sun Shroud and Mount Included

The **EH20 Series** is a rugged and highly reliable camera enclosure with a side-hinged lid and adjustable sun shroud designed for easy installation. Constructed from die-cast aluminum to IK10 and IP66, the **EH20 Series** enclosure is designed to operate in a wide range of environments and to protect electronic components in temperatures from –30° to 50°C (–22° to 122°F).

The **EH20 Series** enclosure is designed for use with analog and IP cameras that have both fixed and variable focal length lenses (with or without auto iris operation). The hinged, lid provides easy access to the camera sled. Two adjustable glands (PG11) on the bottom of the enclosure allow for easy installation of the power and video cables.

All **EH20 Series** enclosures come standard with heater and blower, a cable management wall mount bracket, and sun shroud. The enclosure can also be ordered from the factory with 24 VAC or Power over Ethernet enclosure input voltage, 802.3af-compatible camera power, and appropriate heater and blower power.

The **EH20 Series** is ideal for small- to medium-size analog and IP cameras and can be mounted to Pelco's EM20 (feedthrough wall mount), or any other Pelco light to medium duty mount.

TECHNICAL SPECIFICATIONS

MECHANICAL

Camera Mounting	Single slot for adjustable camera positioning on camera sled
Camera and Lens Size	Accepts camera and lens combinations (including BNC connector) up to 22.86 x 10.16 x 7.62 cm (9.00" L x 4" W x 3.5" H)
Viewing Window	0.3 cm (0.118-inch) thick, high optic grade, soda lime glass
Viewing Area	8.89 x 7.62 cm (3.5" W x 3" H)
Cable Entry	2 x PG11 compression glands on bottom
Maximum Cable Diameters	
PG11	1.00 cm (0.395 in.)
Cable Entry Holes	Both cable entry holes are 1.87 cm (0.74-inch) and will accept PG11 or 3/8-inch NPT conduit fitting as is. Will accept PG13.5 or 1/2-inch NPT fittings if the holes are enlarged to 2.22 cm (0.88-inch).
Lid Fastening	Torx security screws

ELECTRICAL

Input Power	24 VAC, POE+, HPOE, 94 VAC–264 VAC
Input Voltage	
PoE	IEEE802.3at compatible (heaters disabled), HPOE (heaters enabled and compatible to preliminary IEEE802.3bt)
24 VAC	±10% VAC, up to 30 W (not including camera power)
96 VAC–264 VAC	Up to 30 W plus 13 W (total of 43 W if a 13 W camera is used)
Max Power Output to Camera	13 W

CERTIFICATIONS*

- CE (Class A)
- ICES-003 (Class A)
- UL/cUL Listed
- UL/IEC 60950-22
- Meets NEMA Type 4X and IP66 standards
- IK10 Mechanical Impact Resistance (Mechanical enclosure only; not the front window)
- KCC
- RCM

*At the time of this publication, these certifications are pending. Consult the factory or our Web site *(www.pelco.com)*.

GENERAL

Construction	Die-cast aluminum
Finish	Alodine with gray polyester powder coat
Environment	Indoor/environmental ambient temperature –30°to 50°C (–22° to 122°F)
Unit Length	
Base	17.09 cm (6.73 in) W x 10.90 cm (4.29 in) H x 40.57 cm (15.97 in) L
Enclosure with Sunshroud and Wall Mount	17.09 cm (6.73 in) W x 23.96 cm (9.43 in) H 47.14 cm (18.56 in) L

Weight	Unit	Shipping
EH20	2.50 kg (5.50 lb)	2.81 kg (6.20 lb)
EH20-M	2.91 kg (6.40 lb)	3.32 kg (7.32 lb)
EH20-2-H	3.14 kg (6.92 lb)	3.56 kg (7.84 lb)
EH20-3-H	3.43 kg (7.56 lb)	3.62 kg (7.98 lb)
EH20-P-H	3.13 kg (6.90 lb)	3.55 kg (7.82 lb)

EM20 Wall Mount *(Included)*

Construction	Aluminum
Finish	Alodine with gray polyester powder coat

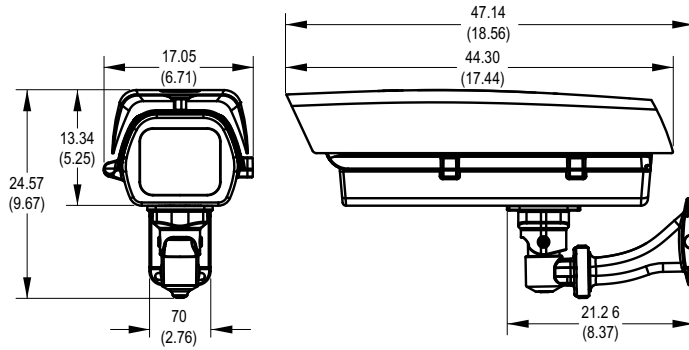| Weight	Unit	Shipping
	0.41 kg (0.90 lb)	0.56 kg (1.22 lb)

RECOMMENDED CAMERAS

Sarix®, Sarix Professional, and the Sarix Enhanced series.
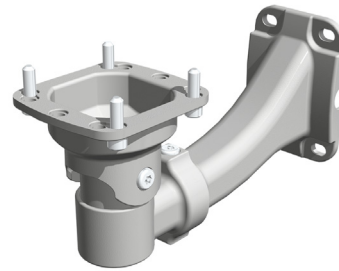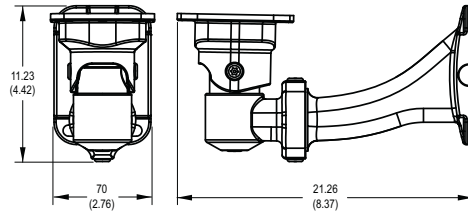
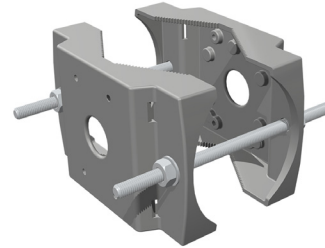✋ VALUES IN PARENTHESES ARE INCHES;
ALL OTHERS ARE CENTIMETERS.

EH20 SERIES ENCLOSURE

17.05
(6.71)

47.14
(18.56)

44.30
(17.44)

13.34
(5.25)

24.57
(9.67)

70
(2.76)

21.2 6
(8.37)

EM20 INCLUDED WALL MOUNT

11.23
(4.42)

70
(2.76)

21.26
(8.37)

EP21 OPTIONAL POLE MOUNT

18.10
(7.13)

11.50
(4.53)

4.50
(1.77)

20.00
(7.87)

11.35
(4.47)
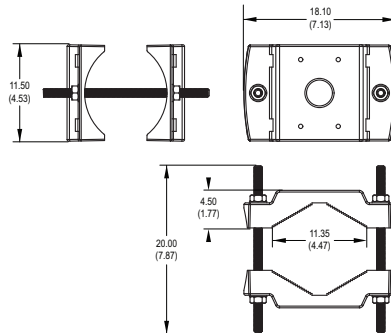
EC20 OPTIONAL CEILING MOUNT

36.45
(14.35)

Ø 4.14
(1.63)

48.53
(19.11)

47.00   47.60
(18.50) (18.74)

10.65
(4.19)

32.39
(12.75)

11.00   7.50
(4.43)   (2.95)
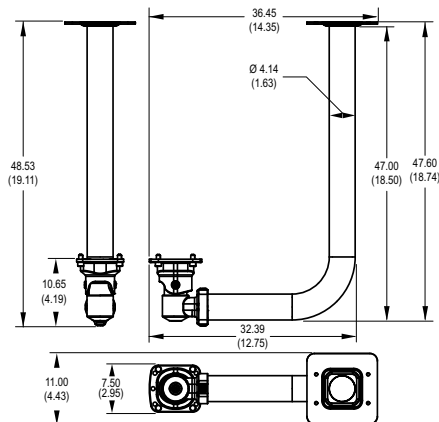
MODELS

Model Number	Heater	Fan	24 VAC	110 VAC and 230 VAC	PoE+/HPOE	Wall Mount Bracket
EH20						
EH20-M						•
EH20-2-H	•	•	•			•
EH20-3-H	•	•		•		•
EH20-P-H	•	•			•	•

OPTIONAL ACCESSORIES

POWER SUPPLIES
Indoor/Outdoor 24 VAC

WCS1-4	Outdoor, 1 output, 4 A (100 VA) capacity
WCS4-20B	Outdoor, 4 outputs, 20 A (480 VA) capacity
MCS4-2B	Indoor, 4 outputs, 2 A (48 VA) capacity
MCS8-5B	Indoor, 8 outputs, 5 A (120 VA) capacity
MCS16-10	Indoor, 16 outputs, 10 A (240 VA) capacity
MCS16-10SB	Same as above except with circuit breakers
MCS16-20	Indoor, 16 outputs, 20 A (480 VA) capacity
MCS16-20SB	Same as above except with circuit breakers

Indoor PoE

POE1AT-US, -EU	Single-port, IEEE802.3at midspan
POE4ATN-US, -EU	4-port, IEEE802.3at midspan
POE8ATN-US, -EU	8-port, IEEE802.3at midspan
POE16ATN-US, -EU	16-port, IEEE802.3at midspan

Note: The "EU" or "US" suffix indicates a European or US power cord.
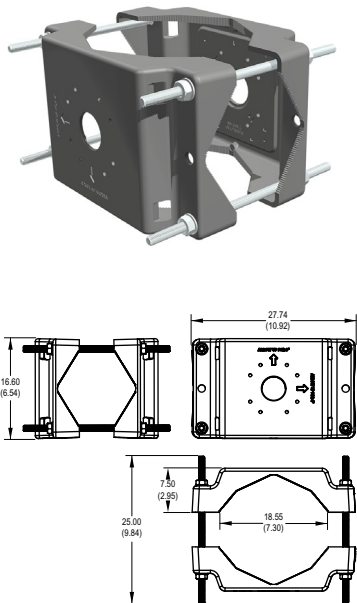
OPTIONAL MOUNTS

EM20	Wall mount bracket with cable management
EP20	Pole mount bracket
EC20	Ceiling mount bracket
EP21	Pole mount for EM20 enclosure mount

ACCESSORIES

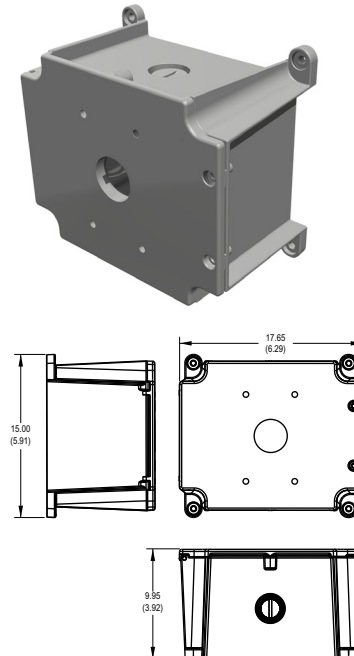|	
EM20JB	Wall mount junction box for EM20 enclosure mount

VALUES IN PARENTHESES ARE INCHES; ALL OTHERS ARE CENTIMETERS.

EP20 POLE MOUNT

EM20JB WALL MOUNT JUNCTION BOX

Pelco by Schneider Electric
3500 Pelco Way, Clovis, California 93612-5699   United States
USA & Canada   Tel (800) 289-9100   Fax (800) 289-9150
International   Tel +1 (559) 292-1981   Fax +1 (559) 348-1120
www.pelco.com   www.pelco.com/community