

# HS4514 Series Enclosure

## HIGH SECURITY, OUTDOOR, BULLET-RESISTANT

### Product Features

- Effective in High Crime Areas, Such as Parking Garages, Subways, and Highways, Where a Vandal-Resistant Enclosure is Preferred
- Enclosure Protected Against Handgun Attack
- Tamper-Resistant Screws Secure the Enclosure Cover
- Constructed from Heavy Gauge Steel
- Designed for Use with Cameras in Fixed-Mount Applications



HS4514 ENCLOSURE



ENCLOSURE WITH SUN SHROUD

The **HS4514 Series** are high security environmental enclosures, designed for use with CCD format cameras with fixed auto iris or 1/3-inch format motorized zoom lenses with a maximum focal length of 300 mm.

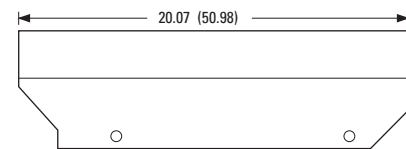
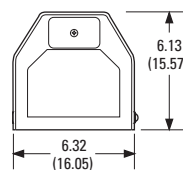
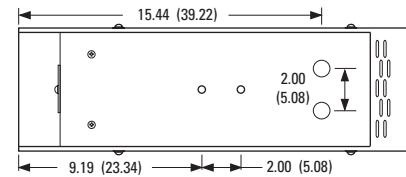
The enclosures are designed to withstand, without penetration, rounds fired from a .357 Magnum handgun from a distance of 15 feet (4.6 m). The enclosures are designed to meet the UL752, Level 2 bullet-resisting standard.

The viewing window is designed to meet the UL752, Level 3 bullet-resisting standard. The window stops a bullet without penetration and will not pulverize or spall into sharp, dangerous shards.

Constructed from steel to provide maximum protection and durability, the **HS4514 Series** enclosures are engineered for ease of installation and service. The removable top allows convenient access to the camera and lens for periodic servicing and/or adjustments. The **HS4514 Series** also features a removable camera sled that can be inverted to accommodate various camera and lens combinations. Tamper-resistant screws secure the enclosure cover.

The **HS4514-1/-2/-3** enclosures are equipped with a factory-installed thermostatically controlled heater.

Optional accessories for the HS4514 model include a thermostatically controlled heater, blower, preset position lens wire harness, a 120 VAC electrical outlet, and sun shroud. The sun shroud protects the enclosure from the direct rays of the sun and reduces the internal temperature of the enclosure approximately 10-15° F (6-10° C).



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



DataFAX  
SPEC: 21472  
MANUAL: 214726

C1472 / REVISED 10-03



# TECHNICAL SPECIFICATIONS

## MODELS

Model Number	Basic Enclosure	120 VAC	24 VAC	230 VAC	Heater	Blower	Max. Power Consumption
HS4514	•						
HS4514-1	•	•			•		60W
HS4514-2	•		•		•		50W
HS4514-3	•			•	•		55W

## MECHANICAL

Camera Mounting	Removable camera sled; can be inverted
Maximum Camera and Lens Size	Accepts camera and lens combinations* (including BNC connector) up to:
HS4514	6.70" H x 5.25" W x 14.0" L (17.02 x 13.34 x 35.56 cm)
HS4514-1/-2/-3	6.25" H x 3.75" W x 12.0" L (15.88 x 9.53 x 30.48 cm)
Viewing Window Area	3.44" H x 4.75" W (8.74 x 12.07 cm)
Cable Entry	Two 0.875-inch (2.22 cm) diameter openings. Will accept PG-13.5 liquid-tight fittings. Maximum cable diameter 0.47-inch (1.19 cm) or 0.50-inch (1.27 cm) conduit fittings
Security	Four 1/4-20 tamper-resistant screws (hollow Allen wrench supplied)

\*Assumes lens is fully extended.

## ELECTRICAL

Input Voltage	120 VAC, 60 HZ
HS4514-1	24 VAC, 60 HZ
HS4514-2	230 VAC, 50 HZ
HS4514-3	
Heater	Heater is thermostatically controlled to activate on at 42-58°F (6-14°C) and off at 72-88°F (22-31°C)

## GENERAL

Construction	
Body	0.134-inch thick steel
Viewing Window	1.25-inch (31.75 mm) thick, optically clear, bullet-resistant, MR5 coated, Lexan® Lexgard™ (UL 752, Level 3 [.357 Mag] rated)
Finish	Gray polyester powder coat
Environment	Indoor/outdoor
Ambient Temperature	-10° to 100°F (-23 to 38°C); -10° to 120°F (-23 to 49°C) with blower kit and sun shroud
Unit Weight	27 lb (12.25 kg)
Shipping Weight	32 lb (14.51 kg)

## CERTIFICATIONS/RATINGS

- CE, Class A (all models)
- Meets NEMA Type 3 standards (NEMA 3R with blower kit installed and vents open)
- Meets IP55 standards (IP24 with blower kit installed and vents open)
- UL Listed (HS4514, HS4514-1, HS4514-2)

## OPTIONAL ACCESSORIES

<b>Blower Kit</b>	BK4514-1*	Blower kit, 120 VAC, 8W
	BK4514-2*	Blower kit, 24 VAC, 8W
<b>Heater Kit</b>	HK4514-1*	Heater kit, 120 VAC, 80W
	HK4514-2*	Heater kit, 24 VAC, 50W
	HK4514-3*	Heater kit, 230 VAC, 55W
<b>Sun Shroud</b>	SS4514	Sun shroud
<b>Other</b>	O/I-LPP*	Preset position lens wire harness
	O/I-PCB4514	Accessory interface board; thermostatically controls heater and blower operation (one per enclosure required)
	O/I-OUTLET*	120 VAC electrical convenience outlet

\*These accessories are factory wired with a plug-in connector for use with the O/I-PCB4514. The O/I-PCB4514 is included with all -1/-2/-3 models. You must order one O/I-PCB4514 if you are using a basic enclosure (HS4514) with these optional accessories.

## RECOMMENDED MOUNTS

<b>Ceiling/</b>	PM2000/	Ceiling/pedestal mount; maximum load
<b>Pedestal</b>	PM2010**	125 lb (56.6 kg)
<b>Wall</b>	WM2000†	Wall mount; maximum load 75 lb (33.9 kg)
<b>Adapters</b>	AH2000	Adjustable pan/tilt head.
	ST1	Support strut; for use with WM2000. Increases maximum load to 150 lb (68.0 kg)

\*\*Use with AH2000 adjustable head.

†Use with AH2000 adjustable head and ST1 strut.



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