



ENVIRONMENTAL MICROHOUSINGS

SERIES CCH4312
CCH4314

CAPABILITIES & FEATURES

- WEATHERPROOF
- EASY TO INSTALL AND SERVICE
- ACCOMMODATES A VARIETY OF CAMERA

VELTEK's Environmental Microhousings, Series CCH4312 and CCH4314, combine durability with attractive styling to provide protection from weather conditions for miniature charge-coupled device (CCD) cameras. Constructed in ribbed extruded aluminum with a light gray powder-coated finish, the CCH4312 and CCH4314 series are both functional and aesthetically pleasing. These series are designed for either indoor or outdoor use.

Both series have version suffixes which include a protective sunshield ("-S" models) and heaters ("-H"). The bolt hole pattern on the unit's base allows attachment to a variety of remote positioning devices and wall mounts. End caps are simply detached by removing two screws. Because the camera mounting plate is secured to the rear end cap, access to the camera and lens is instant and unhampered. A slot in the mounting plate enables adjustable front-to-back camera positioning. A vent is located on the base of the front end cap, thereby allowing for circulation while keeping out the elements.

The CCH4312 series accommodates camera and lens combinations up to 11.0" (28.0 cm) long while the CCH4314 series accommodates camera and lens combinations up to 12.9" (33.0 cm) long.



Specifications subject to change without notice

SPECIFICATIONS

ELECTRICAL

ITEM	CCH4312-H	CCH4314-H
INPUT VOLTAGE/AMPS	120 VAC: 0.42 Amps	
	230 VAC: 0.22 Amps	
POWER CONSUMPTION	50W	
HEAT EQUIVALENT	2.8 btu/min (0.72 cal/min)	
TRANSFORMER	0.3 lb. (0.14 kg)	
HEATER THERMOSTAT	CLOSES	68°F (20°C)
	OPEN	80°F (27°C)

OPERATIONAL

HORIZONTAL ADJUSTMENT	Slot in mounting plate allows front-to-back camera positioning.
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OPTICAL

LIGHT LOSS THROUGH WINDOW	0.4 F-stop
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MECHANICAL

SERIES		CCH4312	CCH4314
EXTERNAL DIMENSIONS	LENGTH	16.4" (41.6 cm)	18.3" (46.6 cm)
	WIDTH	6.77" (17.2 cm)	
	HEIGHT	4.8" (12.3 cm)	
	WEIGHT	4.8 lbs. (2.2 kg)	5.3 lbs. (2.4 kg)
MAXIMUM CAMERA/ LENS DIMENSIONS	LENGTH	11.0" (28.0 cm)	12.9" (33.0 cm)
	WIDTH	3.7" (9.5 cm)	
	HEIGHT	3.1" (8.0 cm)	
CONSTRUCTION	BODY	Ribbed extruded aluminum	
	BASE	Ribbed extruded aluminum	
	END CAPS	Molded Noryl	
	CAMERA PLATFORM	0.06" (0.15 cm) thick aluminum	
	WINDOW	0.19" (0.48 cm) thick plate glass	
CLEAR WINDOW AREA	3.6"W x 2.6"H (9.3 cm W x 6.7 cm H)		
FINISH	Light gray		
CABLE ACCESS	Three compression fitting nuts on rear end cap		
CAMERA MOUNTING	Slot allows adjustable camera positioning with ¼-20 screw.		
HOUSING MOUNTING	Bolt hole pattern of housing vase allows a variety of mounting possibilities using ¼-20 mounting screws and lock washers.		
ENVIRONMENTAL			
AMBIENT TEMPERATURE RANGE	Maintains motorized zoom lens operation at temperatures down to -40°F (-40°C) with heater accessory.		