

UNI-ORBC2

Fixed Outdoor Vandal Resistant
Environmental Housing



Overview

Vandal resistant outdoor housing for use in harsh environmental conditions with SNC-CH/VB/EB/ZB and SSC-FB/CB/G/YB series cameras

This outdoor anti-vandal fixed camera housing provides rugged all-weather protection against wind, rain and extreme temperatures.

Ideal for wall or pole mounting, the UNI-ORBC2 is designed for easy installation, with features like a side hinge and snap-in camera mounting sled for easy set-up and servicing.

The versatile housing is capable of accommodating wide-angle camera lenses up to 135° and a heavy duty cast aluminium feed-thru wall / pole mount with $\frac{3}{4}$ inch conduit input for simplified maintenance.

Suitable for year-round outdoor use, the camera enclosure is weatherproofed to meet NEMA Type 4 standards. It's also IP66 rated to guard against moisture and dust ingress, and is IK10 impact rated. The housing can withstand a maximum wind load rating of 150 mph (240 km/h), with an effective projected area (EPA) of 101 sq in.

It's designed to perform in extreme temperatures over a range

from -40°C to 50°C. An integrated heater optimises airflow to the housing window and camera lens to assure clear pictures even in icy, snowy conditions.

The UNI-ORBC2 is compatible with these Sony video security camera models: SNC-ZB550/SNC-CH140/SNC-VB600B/SNC-VB600/SNC-CH240/SNC-VB630/SSC-G103/SSC-G113/SSC-G203/SSC-G213/SSC-G813/SSC-FB531/SSC-FB561/SSC-YB401R/SSC-YB411R/SSC-YB501R.

Features

Compatible with wide range of Sony video security cameras

The UNI-ORBC2 is compatible with IP SNC-CH, VB, ZB, EB and analogue SSC-Gxx3 (12VDC/24VAC), FB, YB, CB box-type indoor cameras.

Easy, flexible installation and maintenance

The housing is suitable for mounting on a pole or wall. A side hinge and snap-in camera mounting sled simplify set-up and servicing. Maintenance is further assisted by a heavy duty cast aluminium feed-thru wall / pole mount with ¾ inch conduit input. The versatile housing is capable of accommodating wide-angle camera lenses up to 135°.

Protection in all weathers

The UNI-ORBC2 is suitable for all-weather operation in a wide range of climatic extremes. Suitable for year-round outdoor use, it's weatherproofed to meet NEMA Type 4 standards. It's also IP66 rated to guard against moisture and dust ingress, and is IK10 impact rated. The housing can operate over a temperature range from -40°C to 50°C. An in-built heater/blower optimises airflow to the housing window and camera lens.

Adjustable sunshield

The adjustable sunshield guards the camera against extremes of

temperature from prolonged exposure to direct sunlight in very bright conditions.

Versatile powering options

The housing can be operated with 24V AC (in) for heater and blower and 24V AC (out) for the camera. Please note that the housing is not suitable for powering PoE only cameras.

Specifications

Mechanical

Size (L x W x H)	17.9 x 5.7 x 10.5 inches (455 x 145 x 267mm)
Weight	4.5 lbs. (2.0 kg) without camera
Construction body	Polycarbonate
Max camera length	11 inches (280mm)
Mounting bracket construction	Cast aluminum
Mounting style	Wall or Pole
Mounting pattern (W x H)	2 x 4.25 inches (51 x 108mm)
Window construction	Scratch resistant polycarbonate

Environmental

Operating

temperature	-40°F to 122°F (-40°C to 50°C)
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Heater activates at	77°F (25°C)
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Heater deactivates at	86°F (30°C)
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Blower	Yes (Continuous)
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Effective Projected Area (EPA)	101 in ²
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IP rating (weather rating)	IP66 / NEMA 4
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Maximum windload	150 mph (240 kph)
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Model

UNI-ORBC2	UNI-ORBC2 Environmental outdoor IP66 housing with feed-thru wall / pole mount, with adjustable sunshield
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Electrical

Input voltage	12 / 24v input model
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Power consumption	24 VAC: 27 watts: heater and blower, 12 VDC: 13 watts: heater and blower
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Power output	24 / 12v: Same as input, minus power for heater and blower
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Shipping

Weight	6.5 lbs (2.9 kg)
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Box dimensions	8.25 x 11.75 x 19.5 inches (209 x 298 x 495mm)
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Gallery

