

## UHO Outdoor Camera Housings



The UHO camera housings are smartly styled enclosures that enable you to use the DINION family of cameras in an outdoor environment or in areas where the cameras need to be protected. Models are available for use with 24 VAC, 120 VAC, and 230 VAC power supplies. Depending on the version, they can be used with 12 VDC, 24 VAC, 120 VAC, and 230 VAC cameras.

### Functions

#### Easy installation

The hinged, side-opening design allows easy installation of camera/lens combinations, and gives access to the controls even when the housing is mounted. Power and video cabling can be routed through feed-through fittings or external 4-pin power and BNC connectors at the rear of the housing. Feed-through entry holes are available in the base of some models for even better cable management. Mounting holes in the base can be used to install the housing on a wide range of pan/tilts, adjustable heads, and various camera mount brackets.

#### Temperature regulated

The aluminum-constructed housings have two heaters (one for window defrosting and one for the housing interior), and an optional blower. The interior heater maintains the internal temperature of the housing in cold temperature conditions to extend the lower temperature limit to -40 °C (-40 °F). The permanently powered window defroster heater and the optional blower minimize fogging in high humidity locations. Sunshields are included on all models.



- ▶ Protects camera/lens combinations up to 262 mm (10.32 inch) in length
- ▶ Stylish and sturdy housing (IP66; IK10; NEMA 4X)
- ▶ Hinged side opening for easy installation and camera setup
- ▶ Sunshield included
- ▶ Heater and window defroster

#### Secure

For increased security, the units come with tamper-resistant screws for the locking clasps to prevent unauthorized access.

#### Rugged

With a sleek design that meets IP66, IK10, and NEMA 4X standards, the housings are the ideal solution for protecting your video surveillance equipment from adverse elements.

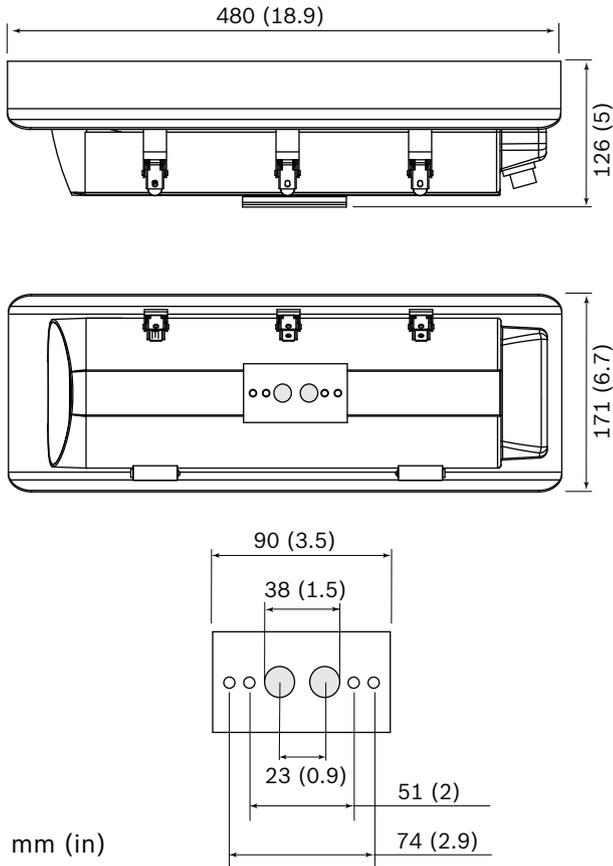
### Certifications and approvals

Safety	acc. to EN 60065-1 (CE)
Immunity	acc. to EN 50130-4 (CE)
Emission	acc. to EN 55022 class B (CE) acc. to EN 61000-3-2 (CE); EN 61000-3-3 (CE) acc. to FCC CFR 47 Part 15, Class B

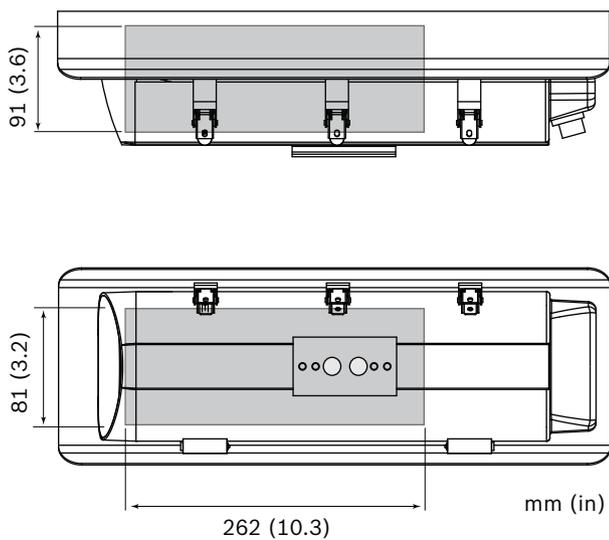
Region	Regulatory compliance/quality marks	
Europe	CE	UHO-XXXX-1X
	CE	UHO-XXXX-5/6X

### Installation/configuration notes

**Dimensions**



**Maximum size of camera and lens**



**Technical specifications**

<b>Mechanical</b>	
Dimensions (H x W x L)	126.5 x 171.3 x 480 mm (5 x 6.7 x 18.9 in.) including sunshield
Weight	3.1 kg (6.8 lb)
Weight (with blowers)	3.2 kg (7.1 lb)
Construction	Aluminum casing, silicone gaskets, all stainless steel hardware
Color	Cool gray 3C
Window	3 mm (0.12 in) glass
Locking clasps	Tamper-resistant screws provided
Camera mounting	Removable camera/lens tray, mounted with two screws
Max. camera + lens size (H x W x L)	91 x 81 x 262 mm (3.6 x 3.2 x 10.3 in)
Mounting holes	2x pair of 1/4-20 tapped holes inner pair: 51 mm (2.0 in) center-to-center outer pair: 73 mm (2.9 in) center-to-center

<b>Electrical</b>	
Housing Voltage supply	11 models: 24 VAC nominal (50/60 Hz) 51 models: 230 VAC nominal (50 Hz) 61 model: 120 VAC nominal (60 Hz)
Housing power consumption	With blower: 45 W Without blower: 40 W
Maximum camera power consumption	10 W

<b>Connectors (UHO-HGS and UHO-HBGS)</b>	
Rear fittings	1x cable diameter: 5.5 to 8 mm (0.14 to 0.32 in) 2x cable diameter: 5.8 to 10 mm (0.23 to 0.39 in)
Bottom feeds	2x cable diameter: 4.5 to 7.9 mm (0.18 to 0.31 in)

**Represented by:**

**Europe, Middle East, Africa:**  
Bosch Security Systems B.V.  
P.O. Box 90002  
5600 JB Eindhoven, The Netherlands  
Phone: + 31 40 2577 284  
emea.securitysystems@bosch.com  
emea.boschsecurity.com

**Germany:**  
Bosch Sicherheitssysteme GmbH  
Robert-Bosch-Ring 5  
85630 Grasbrunn  
Germany  
www.boschsecurity.com

**North America:**  
Bosch Security Systems, LLC  
130 Perinton Parkway  
Fairport, New York, 14450, USA  
Phone: +1 800 289 0096  
Fax: +1 585 223 9180  
onlinehelp@us.bosch.com  
www.boschsecurity.us

**Asia-Pacific:**  
Robert Bosch (SEA) Pte Ltd, Security Systems  
11 Bishan Street 21  
Singapore 573943  
Phone: +65 6571 2808  
Fax: +65 6571 2699  
apr.securitysystems@bosch.com  
www.boschsecurity.asia

**Connectors (UHI-HBPS and UHO-HPS)**

Rear connectors	1x 4-pin (power) 1x BNC (video)
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**Environmental**

Operating temperature - external	-40 °C to +50 °C (-40 °F to +122 °F)
Operating temperature - internal <sup>1</sup>	-20 °C to +55 °C (-4 °F to +131 °F)
Enclosure protection <sup>2</sup>	IP66, IK10, NEMA 4X
NEMA TS 2-2003 (R2008), para 2.1.5.1 using fig. 2.1 test profile	-34 °C to +74 °C (-30 °F to +165 °F)

<sup>1</sup> refer to camera specification to ensure compliance with internal temperature limits

<sup>2</sup> glass window rated as IK06

**Ordering information****UHO-HBGS-11 Outdoor housing, 24VAC, feed-through**

Outdoor housing for (24 VAC / 12 VDC) camera with 24 VAC power supply, blower and feed-through cabling. Order number **UHO-HBGS-11 | F.01U.302.304**

**UHO-HBGS-51 Outdoor housing, blower, 230VAC/35W**

Outdoor housing for (230 VAC / 12 VDC) camera with 230 VAC power supply, blower and feed-through cabling. Order number **UHO-HBGS-51 | F.01U.302.310**

**UHO-HBGS-61 Outdoor housing, blower, 120VAC/35W**

Outdoor housing for (120 VAC / 12 VDC) camera. 120 VAC power supply; blower; feed-through cabling. Order number **UHO-HBGS-61 | F.01U.302.311**

**UHO-HBPS-11 Outdoor housing, 24VAC, external BNC**

Outdoor housing for (24 VAC / 12 VDC) camera with 24 VAC power supply, blower and external BNC and power connectors.

Order number **UHO-HBPS-11 | F.01U.302.305**

**UHO-HBPS-51 Outdoor housing, blower, 230VAC, power**

Outdoor housing for (230 VAC / 12 VDC) camera with 230 VAC power supply, blower and external BNC and power connectors.

Order number **UHO-HBPS-51 | F.01U.302.307**

**UHO-HGS-11 Outdoor housing, 24VAC/30W, feed-through**

Outdoor housing for (24 VAC / 12 VDC) camera with 24 VAC power supply and feed-through cabling. Order number **UHO-HGS-11 | F.01U.302.306**

**UHO-HGS-51 Outdoor housing, 230VAC, feed-through**

Outdoor housing for (230 VAC / 12 VDC) camera with 230 VAC power supply and feed-through cabling. Order number **UHO-HGS-51 | F.01U.302.308**

**UHO-HPS-51 Outdoor housing, 230VAC, external BNC**

Outdoor housing for (230 VAC / 12 VDC) camera with 230 VAC power supply and external BNC and power connectors.

Order number **UHO-HPS-51 | F.01U.302.309**

**Accessories****HAC-TAMP01 Tamper switch kit for UHI/UHO Series**

Tamper switch kit for HSG and UHI/UHO series enclosures

Order number **HAC-TAMP01 | F.01U.005.044**

**LTC 9215/00 Wall mount with cable feed through, 12"**

Wall mount for camera housing, cable feed-through, 30 cm (12 in); for outdoor use.

Order number **LTC 9215/00 | 4.998.137.651**

**LTC 9215/00S Wall mount for UHI/UHO**

Wall mount for camera housing, cable feed-through, 18 cm (7 in); for indoor use.

Order number **LTC 9215/00S | F.01U.503.621**

**Represented by:**

**Europe, Middle East, Africa:**  
Bosch Security Systems B.V.  
P.O. Box 90002  
5600 JB Eindhoven, The Netherlands  
Phone: +31 40 2577 284  
emea.securitysystems@bosch.com  
emea.boschsecurity.com

**Germany:**  
Bosch Sicherheitssysteme GmbH  
Robert-Bosch-Ring 5  
85630 Grasbrunn  
Germany  
www.boschsecurity.com

**North America:**  
Bosch Security Systems, LLC  
130 Perinton Parkway  
Fairport, New York, 14450, USA  
Phone: +1 800 289 0096  
Fax: +1 585 223 9180  
onlinehelp@us.bosch.com  
www.boschsecurity.us

**Asia-Pacific:**  
Robert Bosch (SEA) Pte Ltd, Security Systems  
11 Bishan Street 21  
Singapore 573943  
Phone: +65 6571 2808  
Fax: +65 6571 2699  
apr.securitysystems@bosch.com  
www.boschsecurity.asia