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.

**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 and NEMA-4X standards, the housings are the ideal solution for protecting your video surveillance equipment from adverse elements.

**Certifications and approvals**

<table>
<thead>
<tr>
<th>Region</th>
<th>Certification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Europe</td>
<td>CE</td>
</tr>
<tr>
<td></td>
<td>UHO</td>
</tr>
</tbody>
</table>
### Technical specifications

#### Mechanical

<table>
<thead>
<tr>
<th>Dimension (H x W x L)</th>
<th>126.5 x 171.3 x 480 mm (5 x 6.7 x 18.9 in.) including sunshield</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>3.1 kg (6.8 lb)</td>
</tr>
<tr>
<td>Weight (with blowers)</td>
<td>3.2 kg (7.1 lb)</td>
</tr>
<tr>
<td>Construction</td>
<td>Aluminum casing, silicone gaskets, all stainless steel hardware</td>
</tr>
<tr>
<td>Color</td>
<td>Gray</td>
</tr>
<tr>
<td>Window</td>
<td>3 mm (0.12 in) glass</td>
</tr>
<tr>
<td>Locking clasps</td>
<td>Tamper-resistant screws provided</td>
</tr>
<tr>
<td>Camera mounting</td>
<td>Removable camera/lens tray, mounted with two screws</td>
</tr>
<tr>
<td>Max. camera + lens size (H x W x L)</td>
<td>91 x 81 x 262 mm (3.6 x 3.2 x 10.3 in)</td>
</tr>
<tr>
<td>Mounting holes</td>
<td>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</td>
</tr>
</tbody>
</table>

#### Electrical

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

#### Connectors (UHO-HGS and UHO-HBGS)

| 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) |

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

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

#### Environmental

| Operating temperature - external | -40 °C to +50 °C (-40 °F to +122 °F) |
| Operating temperature - internal | -20 °C to +55 °C (-4 °F to +131 °F) |
Enclosure protection\(^2\) | IP66, 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)

1 refer to camera specification to ensure compliance with internal temperature limits
2 for extreme environments, refer to the Bosch Extreme product range

### Ordering information

**UHO-HBGS-11 Outdoor Housing**
Outdoor housing for (24 VAC / 12 VDC) camera.
24 VAC power supply; blower; feed-through cabling
Order number **UHO-HBGS-11**

**UHO-HBGS-51 Outdoor Housing**
Outdoor housing for (230 VAC / 12 VDC) camera.
230 VAC power supply; blower; feed-through cabling
Order number **UHO-HBGS-51**

**UHO-HBGS-61 Outdoor Housing**
Outdoor housing for (120 VAC / 12 VDC) camera.
120 VAC (60 Hz) power supply; blower; feed-through cabling
Order number **UHO-HBGS-61**

**UHO-HBPS-11 Outdoor Housing**
Outdoor housing for (24 VAC / 12 VDC) camera.
24 VAC power supply; blower; external BNC and power connectors
Order number **UHO-HBPS-11**

**UHO-HBPS-51 Outdoor Housing**
Outdoor housing for (230 VAC / 12 VDC) camera.
230 VAC power supply; external BNC and power connectors
Order number **UHO-HBPS-51**

**UHO-HGS-11 Outdoor Housing**
Outdoor housing for (24 VAC / 12 VDC) camera.
24 VAC power supply; feed-through cabling
Order number **UHO-HGS-11**

**UHO-HGS-51 Outdoor Housing**
Outdoor housing for (230 VAC / 12 VDC) camera.
230 VAC power supply; feed-through cabling
Order number **UHO-HGS-51**

**UHO-HPS-51 Outdoor Housing**
Outdoor housing for (230 VAC / 12 VDC) camera.
230 VAC power supply; external BNC and power connectors
Order number **UHO-HPS-51**

### Accessories

**HAC-TAMP01 Tamper Switch**
Tamper switch kit for HSG and UHI/UHO series enclosures
Order number **HAC-TAMP01**

**LTC 9215/00 Mount**
Wall mount for camera housing, cable feed-through, 30 cm (12 in.)
Order number **LTC9215/00**

**LTC 9215/00S Mount**
Wall mount for camera housing, cable feed-through, 18 cm (7 in.)
Order number **LTC9215/00S**

**LTC 9219/01 Feed-through J-Mount**
J-mount for camera housing, 40 cm (15-inch), 9 kg (20 lb) max load
Order number **LTC 9219/01**