

# BDH-7500 Outdoor Dome Housing



**This rugged housing allows the Bosch panoramic 7000 series indoor 12-megapixel camera to be deployed outdoors in moderate environments.**

**Bosch camera not included.**

**Power:** Bosch camera requires PoE – This is NOT a powered housing, NO heater, NO blower. See BDH-7500HB for heater and blower housing option.

**Environmental:** see camera specifications

If extending the low temperature operating range of the camera and minimizing frosting on the bubble is desired, consider using the heater/blower version: BDH-7500HB

Internal condensation should not be a problem when properly installed with desiccant pack inside the housing.

The high temperature operating range is not extended by the housing. Depending on how the unit is installed, the operating temperature could decrease by becoming hotter than the actual ambient temperature. In other words, if the housing is installed under the eave of a building or any area that is not in direct sunlight, there is little to no effect on the camera operating temperature. When mounted facing down, such as on the wall arm or wall arm on a vertical pole, there is little effect on the camera operating temperature. When mounted on a vertical surface, looking horizontally, and exposed to direct sunlight, the temperature rise of above

ambient will be around 10 to 12 degrees C during time of peak exposure to the sun.

Example: if mid-day, temperature is 35C (95F), during the time the camera bubble is exposed to the sun, inside temperature will increase to approximately 46C (115F), for a change of 11C (20F). Note: it could be a little more or a little less of a temperature change based on where the housing is mounted in correlation to the path of the sun.

It is critical to understand these factors (avg max temp, mounting direction, and sun angle) for the location to determine if this housing with this camera is suitable for the application. If the application calls for extending the upper operating temperature range based on these factors, then an active cooling housing will be required. Contact our team for pricing for such systems.

**Body:** 6061-T6 Aluminum with powder coat finish

**Dome:** Optically Clear Nylon

**Protection Levels:** designed to meet ingress protection level of IP66 and impact protection level of IK10

**Structure mounting:** fasteners not included. Recommend selecting appropriate fastener for the structural material supporting the dome or mount with a minimum pull out strength of 150lbs, 4 fasteners required for dome. Hole pattern template included.

**Wire Management:** Includes one [Heyco #M3200GBH](#) grommet capable of passing one cable up to 5/16" (0.3125") diameter.

**Weight:** 6.65 lbs. (Bosch panoramic 7000i weight 1.16lbs. – sold separately)

**Dimensions (LxWxH):** 8.88"x8.88"x4.60"

**Part Number:** BDH-7500

# BDH-7500 Outdoor Dome Housing

## **Kits:**

BDH-7500-CAK Conduit Mount Kit

BDH-7500-CMK Corner Mount Kit

BDH-7500-PCK Pendant Mount Kit

BDH-7500-PMK Pole Mount Kit

BDH-7500-WAK Wall Mount Kit

## **Accessories:**

BMT-75CA Conduit Base Adapter

BMT-75CM Corner Mount Adapter

BMT-75PC Pendant Cap Adapter

BMT-75PM Pole Mount Adapter

BMT-75WA Wall Arm Mount

BMT-75T45 Field-adjustable Angle Mount

BMT-GA75A AutoDome wall Arm and Adapter

BMT-VG75A AutoDome Wall Arm Attachment Adapter

## **Ordering and Pricing:**

Online:

<https://midches.myshopify.com/collections/bdh-7500-kits>

**Lead time +/- 30 days. No returns or exchanges, all sales final.**

## **Contact:**

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