

AutoDome Series Accessories



Security Systems

- Alternate Bubble Colors
- Rugged Bubble
- Power Supplies
- Fiber Optics
- AutoTrack



Formerly known
as Philips CSI

Bosch offers a full line of accessories to customize and complete your AutoDome surveillance system for effective and discreet positioning. Select from a variety of bubble options, various indoor or outdoor power supplies and mounts for effective, discrete positioning.

Bubble options include clear, tinted, and a selection of metallic finishes, each offering varying levels of coveryness, aesthetics and sensitivity. We also offer the exclusive rugged bubble option to protect your AutoDome camera from vandalism. Designed to meet stringent strength standards without compromising optical clarity, the rugged bubble can withstand the impact equivalent of a 4.536 kg (10-lb) weight dropped from a height of 3.048 m (10 feet).

Optional power supplies are available for connecting multiple domes, and fiber optics are offered as a transmission medium to bridge long distances in hostile electromagnetic environments like subways and railways.

AutoTrack

AutoTrack is the next generation of motion detection. AutoTrack not only senses movement but also follows it, leaving guards' hands free for other responsibilities. No more missing the action. No more focusing on an intruder only to have him walk out of the frame. AutoTrack detects motion, zooms in on the target, and tracks it.

Outdoor Power Supplies

These unique units are designed to be mounted as a self contained weatherproof box, or integrated as part of the EnviroDome's Pendant Arm. There are a variety of models available for each style, which include such options as Surge Protection, Integrated Fiber Optic Module, and AutoTrack.

Indoor Power supplies

For indoor domes, we recommend the new AutoDome Power Supplies. These are designed to drive 4, 8, or 16 domes from a single box. They deliver 28VAC rather than the typical 24VAC to allow for longer distance runs.



Bubble Specifications

Sensitivity Loss:

| |
|----------------------|
| Clear = 0.0 F-Stop |
| Tinted = 0.5 F-Stop |
| Chrome = 2.75 F-Stop |
| Gold = 1.75 F-Stop |
| Bronze 1.0 F-Stop |

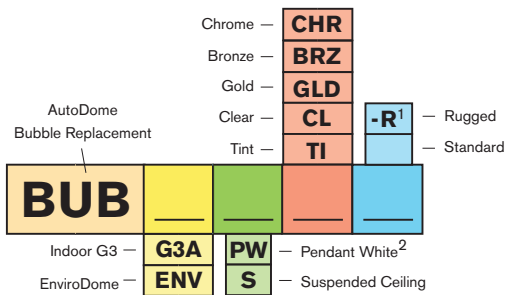
Rugged Bubble Specifications

Sensitivity loss: Clear = 0 F-Stop; Tinted = 0.5 F-Stop

Material: 3 mm thick Polycarbonate

Impact test rating: 100 ft lbs

Design rating: Exceeds UL 1598 horizontal impact standard for lighting fixtures by a factor of 10



¹ Rugged versions are available in Clear or Tint only.
² Pendant versions include lower housing.

Note: The Rugged Bubble option is ordered separately, as a replacement component, available in Clear or Tinted.



Indoor Power Supply Specifications (Not available in Europe, Middle East and Africa)

Electrical: 120VAC Input 28VAC, 60Hz Output
(1.8A Max per channel, non-isolated)

Features: On-board Surge Suppression;
On/Off Switch

Models Available:

| | |
|-------------|----------------------|
| G3A-PSU1-4 | (3.5A Total Current) |
| G3A-PSU1-8 | (6.5A Total Current) |
| G3A-PSU1-16 | (13A Total Current) |

Dimensions:

| | 4 Dome | 8 & 16 Dome |
|--------|------------------|-------------------|
| Length | 21 cm (8.5 in) | 28.5 cm (11.5 in) |
| Height | 23.5 cm (9.5 in) | 29 cm (11.25 in) |
| Width | 9.5 cm (3.75 in) | 9 cm (3.5 in) |



EnviroDome (Outdoor) Power Supply Specifications

All ENV-PSU or PA Models Include:

- Input 115/230 VAC, 50/60Hz, 630mA/350 mA
- Two (2) 24VAC Individually Fused Outputs
- 2.8 Amps (63VA) Supply Current
- Output Fuses Are Rated at 1.6 Amps (for Dome power) and 2.0 Amps (for Heater power)
- AC Power LED Indicator
- IP 66 / NEMA 4X
- Operating Temp Range: -40 C to 50C (-40 F to 122 F)
- Humidity 0% to 100% Condensing

Surge Protection Models Also Include:

- Protection on Video:** Peak Current 24 Amps, Peak Power 400 Watts
- Protection on RS232/RS485:** Peak Current 500 Amps, Surge Energy is 4.4 Joules
- Protection on Bi-phase Lines:** Peak Current 500 Amps, Surge Energy is 2.2 Joules
- Protection on the Power:** Peak Current 2000 Amps, Surge Energy is 33.4 Joules

Fiber Optic Models Also Include:

- Optical Fiber Compatibility:** 50/125 nm, 62.5/125 nm, low loss multimode glass fiber, rated for a minimum system bandwidth of 20MHz (Video 850 nm / Data 1300 nm)
- Max Distance:** 4 Km (2.5 miles)
- Compatible Receiver:** LTC 4629 Series

Ordering Table

| Integrated Pendant Arm | NO Fiber Optics | W/Fiber Optics |
|---------------------------|-----------------|----------------|
| 24VAC (no transformer) | ENV-PA0 | N/A |
| 120VAC | ENV-PA1 | ENV-PA1F |
| 230VAC | ENV-PA2 | ENV-PA2F |
| 120VAC w/Surge Protection | ENV-PA1-SP | ENV-PA1F-SP |
| 230VAC w/Surge Protection | ENV-PA2-SP | ENV-PA2F-SP |
| Stand-Alone Box | NO Fiber Optics | W/Fiber Optics |
| 24VAC (no transformer) | ENV-BOX | N/A |
| 120VAC | ENV-PSU1 | ENV-PSU1F |
| 230VAC | ENV-PSU2 | ENV-PSU2F |
| 120VAC w/Surge Protection | ENV-PSU1-SP | ENV-PSU1F-SP |
| 230VAC w/Surge Protection | ENV-PSU2-SP | ENV-PSU2F-SP |

AutoTrack Specifications

AutoTrack circuitry is located on the power supply board, and has the same environmental specifications and listings noted above under the EnviroDome Power Supply specifications. For ordering information, see Ordering Table above and add a "T" at the end of the part number. (Not available on surge protection models.) Standalone Tracker Unit for use with existing G3 Dome (Version 5.0 or Higher); order Part # G3A-TRKR.

- Motion Detected:** Target must be between 30% and 70% of the image height
- Settings:** On/Off
- Compatible Dome Functions:** Preset tours, Guard tours (with min 1 sec pauses in motion)
- Optical Zoom Range:** Based on camera angle
Will not enter Digital Zoom range
- Multiple Target Differentiation:** Target with largest amount of motion

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