

AutoDome Accessories

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BOSCH
Invented for life



- ▶ Alternate bubble colors
- ▶ Rugged bubble option
- ▶ Power supplies
- ▶ Fiber optics
- ▶ AutoTrack option

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 coyness, 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 ft).

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

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.

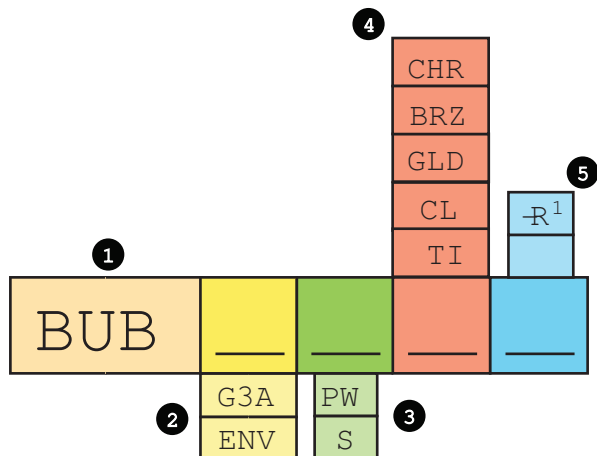
Outdoor Power Supplies

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 including such options as Surge Protection, Integrated Fiber Optic Module, and AutoTrack.

Indoor Power Supplies

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

Installation/Configuration Notes



Ordering Guide

- 1 AutoDome Bubble Replacement
- 2 G3A – Indoor G3
ENV – EnviroDome
- 3 PW – Pendant White²
S – Suspended ceiling
- 4 CHR – Chrome (only available for G3A indoor units)
BRZ – Bronze (only available for G3A indoor units)
GLD – Gold (only available for G3A indoor units)
CL – Clear
TI – Tint
- 5 R¹ – Rugged
– Standard

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



Notice

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



Different types of bubbles



Integrated pendant arm



Indoor Power Supply Boxes

Technical Specifications

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 lb
Design Rating	Exceeds UL 1598 horizontal impact standard for lighting fixtures by a factor of 10

Indoor Power Supply Specifications³

Electrical	120 VAC input, 28 VAC, 60 Hz output	
Features	On-board surge suppression; On/Off switch	
Models Available	G3A-PSU1-4 (3.5 A total current) G3A-PSU1-8 (6.5 A total current) G3A-PSU1-16 (13 A total current)	
Dimensions	4 Dome	8 and 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.)
Certificates	UL, CE	

3. Not available in Europe, Middle East and Africa.

EnviroDome (Outdoor) Power Supply Specifications

All ENV-PSU or PA Models Include:

	115 VAC, 60 Hz, 630 mA input, or 230 VAC, 50 Hz, 350 mA input
	Two (2), 24 VAC fused outputs
	2.8 A (63 VA) supply current
	Output fuses are rated at 1.6 A (for dome power) and 2.0 A (for heater power)
	AC power LED indicator
	IP 66 / NEMA 4X
	Operating temp range: -40°C to 50°C (-40°F to 122°F)
	Humidity 0% to 100% condensing
	UL, CE certified

Surge Protection Models

Protection on Video	Peak current 24 A, peak power 400 W
Protection on RS-232/RS-485	Peak current 500 A, surge energy is 4.4 Joules
Protection on Bi-Phase Lines	Peak current 500 A, surge energy is 2.2 Joules
Protection on the Power	Peak current 2000 A, surge energy is 33.4 Joules

Fiber Optic Models

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

Ordering Table

Integrated Wall Arm	No Fiber Optics	W/Fiber Optics
24 VAC (no transformer)	ENV-PA0	N/A
120 VAC	ENV-PA1	ENV-PA1F
230 VAC	ENV-PA2	ENV-PA2F
120 VAC Surge Protection	ENV-PA1-SP	ENV-PA1F-SP
230 VAC Surge Protection	ENV-PA2-SP	ENV-PA2F-SP

Stand-Alone Box	No Fiber Optics	W/Fiber Optics
24 VAC (no transformer)	ENV-BOX	N/A
120 VAC	ENV-PSU1	ENV-PSU1F
230 VAC	ENV-PSU2	ENV-PSU2F
120 VAC Surge Protection	ENV-PSU1-SP	ENV-PSU1F-SP
230 VAC 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 heading, located above. For ordering information, see the 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 a minimum of one (1) sec. pauses in motion
Optical Zoom Range	Based on camera angle does not enter digital zoom range
Multiple Target Differentiation	Target with largest amount of motion

Ordering Information

G3A-TRKR AutoTrack Stand Alone Box

24 VAC, indoor use only
Order number **G3**

BUB-G3BTI Replacement Bubble for BasicDomes

tinted
Order number **G3BTI**

BUB-G3BCL Replacement Bubble for BasicDomes

clear
Order number **G3BCL**

BUB-G3ASTI Replacement Bubble for G3A Domes

indoor drop ceiling, tinted bubble
Order number **BUB-G3ASTI**

BUB-G3ASCL Replacement Bubble for G3A Domes

indoor drop ceiling, clear bubble
Order number **BUB-G3ASCL**

BUB-G3ASCL-R Replacement Rugged Bubble for G3A Domes

indoor in-ceiling, clear bubble, rugged version
Order number **BUB-G3ASCL-R**

BUB-G3ASTI-R Replacement Rugged Bubble for G3A Domes

indoor in-ceiling, tinted bubble, rugged version
Order number **BUB-G3ASTI-R**

BUB-G3APWTI-R Replacement Rugged Bubble for G3A Domes

indoor pendant white, tinted bubble, rugged version
Order number **BUB-G3APWTI-R**

BUB-G3APWCL Replacement Bubble for G3A Domes

indoor, pendant white, clear bubble
Order number **BUB-G3APWCL**

BUB-G3APWTI Replacement Bubble for G3A Domes

indoor, pendant white, tinted bubble
Order number **BUB-G3APWTI**

BUB-G3ASBRZ Replacement Bubble for G3A Domes

indoor drop ceiling, bronze bubble
Order number **BUB-G3ASBRZ**

BUB-G3ASCHR Replacement Bubble for G3A Domes

indoor, drop ceiling, chrome bubble
Order number **BUB-G3ASCHR**

BUB-G3ASGLD Replacement Bubble for G3A Domes

indoor drop ceiling, gold bubble
Order number **BUB-G3ASGLD**

BUB-G3APWBRZ Replacement Bubble for G3A Domes

indoor, pendant white, bronze bubble
Order number **BUB-G3APWBRZ**

BUB-G3APWCHR Replacement Bubble for G3A Domes

indoor, pendant white, chrome bubble
Order number **BUB-G3APWCHR**

BUB-G3APWGLD Replacement Bubble for G3A Domes

indoor, pendant white, gold bubble
Order number **BUB-GA3PWGLD**

BUB-G3APWCL-R Replacement Rugged Bubble for G3A Domes

indoor, pendant white, clear bubble, rugged version
Order number **BUB-G3APWCL-R**

BUB-ENVPWCL-R Replacement Rugged Bubble for EnviroDomes

outdoor, white, clear bubble, rugged version
Order number **BUB-ENVPWCL-R**

BUB-ENVPWTI-R Replacement Rugged Bubble for EnviroDomes

outdoor, white, tinted bubble, rugged version
Order number **BUB-ENVPWTI-R**

BUB-ENVPWCL Replacement Bubble for EnviroDomes

pendant white, clear bubble
Order number **BUB-ENVPWCL**

BUB-ENV PWTI Replacement Bubble for EnviroDomes

pendant white, tinted bubble
Order number **BUB-ENV PWTI**

ENV-PA-BOX EnviroDome Box for Pendant Arm

for pendant arm, no arm
Order number **ENV-PA-BOX**

ENV-PA-EX Extended Pendant Arm Mount

27 inch, for G3/EnviroDome
Order number **ENV-PA-EX**

ENV-PA0 EnviroDome Pendant Arm

white, with box, no transformer
Order number **ENV-PA0**

ENV-PA0T EnviroDome Pendant Arm

white, no transformer, 24 VAC for AutoTrack
Order number **ENV-PA0T**

ENV-PA1 EnviroDome Pendant Arm

white, 120 VAC, 60 Hz
Order number **envpa1**

ENV-PA2 EnviroDome Pendant Arm

white, 230 VAC, 50 Hz, with surge protection
Order number **ENV-PA2**

ENV-PA2-SP EnviroDome Pendant Arm

white, 230 VAC, 50 Hz, with surge protection
Order number **ENV-PA2-SP**

ENV-PA2F EnviroDome Pendant Arm

white, 230 VAC, 50 Hz, with fiber optic module
Order number **ENV-PA2F**

ENV-PA2FT EnviroDome Pendant Arm

white, 230 VAC, 50 Hz, with fiber optic module, with AutoTrack
Order number **ENV-PA2FT**

ENV-PA2F-SP EnviroDome Pendant Arm

white, 230 VAC 50Hz, IP65 rated, with fiber optic module, with surge protection
Order number **ENV-PA2F-SP**

ENV-PA2T EnviroDome Pendant Arm

white, 230 VAC, 50 Hz, with AutoTrack
Order number **ENV-PA2T**

ENV-PSU0T

no transformer, outdoor, IP65x rated, 24 VAC, with AutoTrack
Order number **ENV-PSU0T**

ENV-PSU1 Transformer

outdoor, IP65x rated, 120 VAC, 60 Hz
Order number **ENVPSU1**

ENV-PSU2 Transformer

outdoor, IP65x rated, 230 VAC, 50 Hz
Order number **ENV-PSU2**

ENV-PSU2-SP Transformer

outdoor, IP65x rated, 230 VAC, 50 Hz, with surge protection
Order number **ENV-PSU2-SP**

ENV-PSU2F Transformer

outdoor, IP65x rated, 24 VAC, with AutoTrack
Order number **ENV-PSU2F**

ENV-PSU2F-SP Transformer

outdoor, IP65x rated, 230 VAC, 50 Hz, with fiber optic module, with surge
Order number **ENV-PSU2F-SP**

ENV-PSU2FT Transformer

outdoor, IP65x rated, 230 VAC, 50 Hz, with fiber optic module, with AutoTrack
Order number **ENV-PSU2FT**

ENV-PSU2T Transformer

outdoor, IP65x rated, 230 VAC, 50 Hz, with AutoTrack
Order number **ENV-PSU2T**

LTC 9230/00 Roof Parapet Mount

For EnviroDome and outdoor fixed dome housings, 106.68 cm (42 in.) arm, 3.81 cm (1.5 in.) NPT
Order number **LTC 9230/00**

LTC 9230/01 Flat Roof Mount Adapter

For mounting a unit in an upright position on a flat surface for roof parapet mount VGA-ROOF-MOUNT
Order number **LTC 9230/01**

LTC 9540/00 G3/EnviroDome Pendant Wall Mount

white
Order number **LTC 9540/00**

LTC 9543/00 G3/EnviroDome Pendant Pipe Mount

white
Order number **LTC 9543/00**

LTC 9543/01 G3 Pendant Pipe Mount Kit

excl. pipe, charcoal gray
Order number **LTC 9543/01**

Software Options

VP-CFGSFT Configuration Tool for Imaging Devices

Camera configuration software for use with Bilinx cameras
Order number **VP-CFGSFT**

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