

# ELMO

## HYBRID



Regulated output power supply



Option Heater Board



### ELB-3610 ELB-3610B ELB-3610HB

**Outdoor Dome housing for  
ELMO PTC-200 & PTC-201C IP  
PTZ cameras**

#### Features

- Ingenious upper dome configuration prevents water droplets on lower dome surface
- Lower dome locked in place with 4 screws with retainers
- 2 lower dome colors available

#### Fabrication

- UV protected black ABS construction (upper dome)
- 1/8" acrylic (lower dome)

#### Power Supply Specifications

##### Regulated output power supply

- Input : 24vac-100va when using H & B
- 24vac camera output
- 9 to 18vdc camera output, maximum 1.2amp at 70°F
- 12vdc output for Blower
- 2amp. 250V Fuse Protection
- Surge Protection

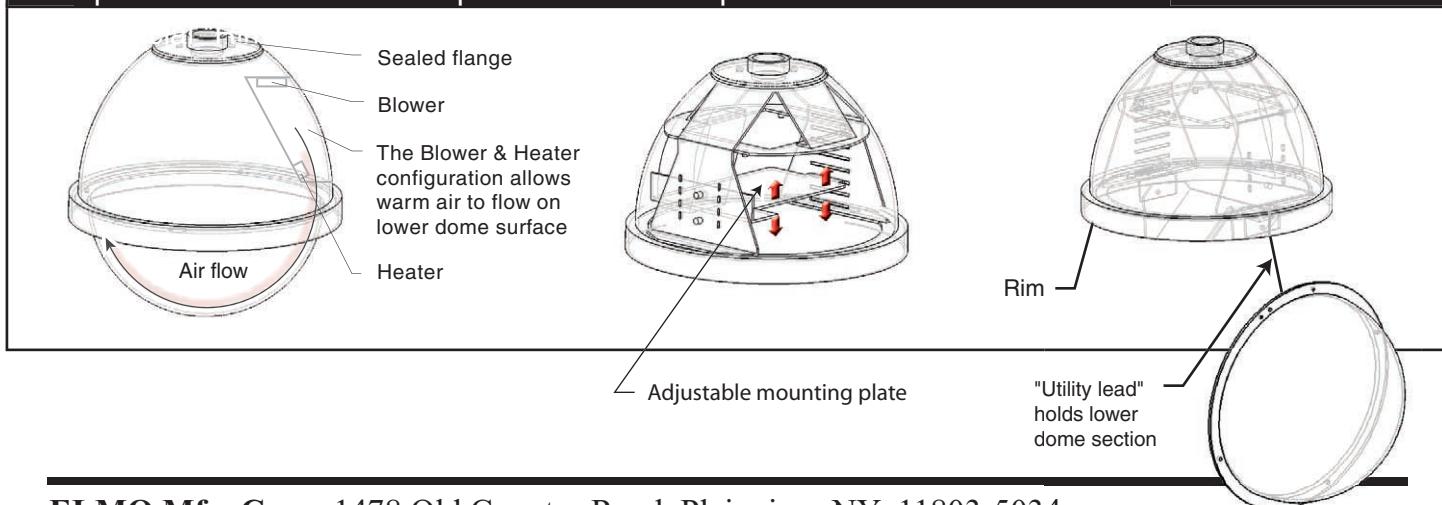
##### Blower Specifications

- 12vdc, 1 watt, 15cfm
- Continuous duty

##### Heater Board Specifications

- 24vac, 40watt Heater
- Thermostat activates at 6°C (39°F ± 3°F)
- 24vac camera output

Special "Rim" construction prevents water droplets on the lower dome surface



**ELMO Mfg. Corp.** 1478 Old Country Road, Plainview, NY 11803-5034  
Tel.: (516) 501-1400  
Fax: (516) 501-0429

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2 lower dome colors available :



Clear



Smoked

Add the following letter to Part Number for proper lower dome color code :

C : CLEAR dome  
S : SMOKED dome

\*\* When using a smoked dome the quality of the image may be altered. This dome should only be used in good lighting conditions.

Part number	Description	Input	Intensity	Temperature
ELB-3610	Environmental Dome	24vac, 40 va	N/A	0°C to 30°C (32°F to 86°F)
ELB-3610B	Dome with Blower	24 vac, 75 va	1 watt, 15 cfm	-10°C to 49°C (14°F to 120°F)
ELB-3610HB	Dome with Heater & Blower	24 vac, 100 va	41 watts	-30°C to 49°C (-22°F to 120°F)

## Mounting Accessories :



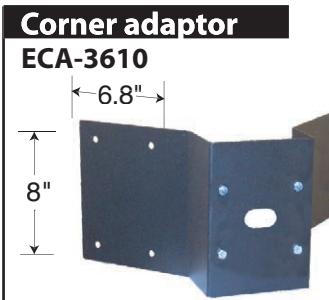
**Wall mount**  
**EWB-3610**

- Access channel for cable
- Stainless steel bolt for dome
- Waterproof



**Ceiling mount**  
**ECB-3610**

- 6" x 1" NPT threaded pipe
- Mounting box with knockouts



**Corner adaptor**  
**ECA-3610**

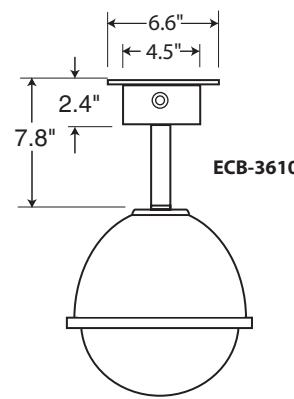
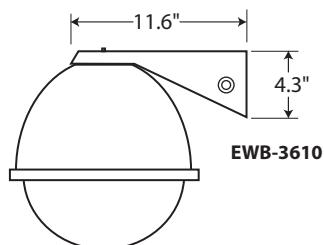
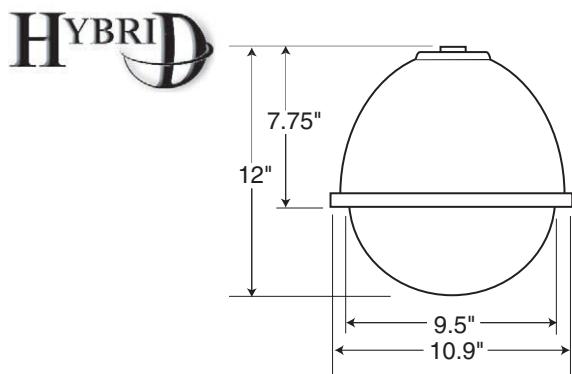
- Heavy duty
- 4 screws included
- Requires EWB-3610



**Pole adaptor**  
**EPA-3610**

- 2 Stainless Steel straps
- For 3" to 10" pole
- Requires EWB-3610

## HydriD Dome Dimensions :





# Outdoor Dome for ELMO PTC-200 & PTC-201C IP

## Installation Steps for ELB-3610 series

\*\* Do not remove immediately the plastic film on the lower dome section. Install the wall bracket (EWB-3610) or ceiling bracket (ECB-3610). Make sure it is safely secured in place.

- a) Use a Philips #1 screwdriver, release the four screws holding the lower dome to the upper dome section (**see #1**).  
IMPORTANT: 1/4 turn counter-clockwise to unlock each screw **(1)**.  
Carefully remove the lower dome (use a light twisting movement if needed to undo).
- b) Attach the upper dome section to the mounting bracket **(2)**.
- c) Remove the mounting plate **(3)**. Pull cables through the bracket **(4)**. Fix the camera to the mounting plate **(5)**.
- d) Connect the 24vac power cable to the "AC IN" terminals **(6)**. Insure that the transformer isn't connected to the 120vac source at this time (input: 24vac, 100va).
- e) Connect the jumper cable (12vdc) to the camera **(7)**, and connect RCA connector to the camera **(8)** when using the PTC-200  
If the PTC-201C IP model is being installed, connect the communication cable to the camera **(9)**.
- f) For PTC-200, insert the mounting plate & camera assembly in location # 3 inside the dome **(10)**.  
For PTC-201C IP, insert the mounting plate & camera assembly in location # 5 inside the dome **(11)**.  
NOTE: While installing the mounting plate back in the dome, you may have to move the adapter to level the mounting plate **(12)**.
- g) Check all connections before connecting the transformer to 120vac. If the camera doesn't work, verify the fuse **(13)** and the transformer ! Complete camera testing.
- h) Fix the lower dome section back in place and secure the four screws. IMPORTANT: 1/4 turn clockwise to lock each screw **(14)**.  
Remove the protective film off the lower dome.

