



FB-3612-92-HB-C

Impact-Resistant Environmental Dome for IK-WB21A

Vandal-Resistant environmental dome

This dome is designed for extreme environment conditions. The upper aluminum rustproof construction and its 1/8" polycarbonate lower dome is ideal when vandalism or tampering is expected such as in detention center, school, mall, etc. Designed to resist to physical attack and direct hit such as a baseball bat, the dome offers an excellent camera protection for outdoor applications. The upper dome is designed to prevent water droplets on the dome cover and to insure quality video image all the time. The dome cover is secured with 8 tamperproof screws. It includes a mounting bracket which allows installation IK-WB21A. This weatherproof and dustproof dome can be order with heater, blower and a selection of lower dome colors. A 24VAC-100VA transformer is required to power the on board power supply. Two voltage outputs are available: 12VDC & 24VAC @ 3amps. The FB-3612-92-HB-C is easy to install and can be used for wall, ceiling, corner or pole mounted applications.



Fabrication

Upper Dome : Aluminum 1100-0 (1/8")
Dome Cover : 1/8" Clear or Tinted polycarbonate
Internal : All aluminum, gauge 11, alloy # 3105H14
Finish : White polyurethane coating
Weight : 10 lbs (4.5kg)

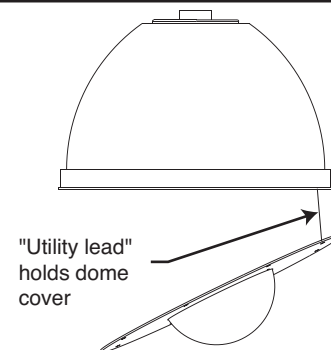
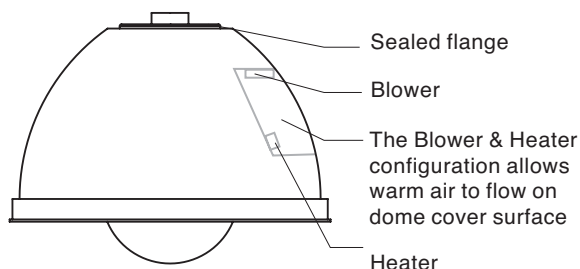
Specifications

- Power supply : Input 24VAC @ 100VA., Output: 12VDC and 24VAC (9VDC to 18VDC adjustable 3 AMP. power supply)
- Heater : 40 watts, activates at 39°F (4°C)
- Blower : 1 watt, continuous duty or activates at 86°F (30°C) at 86°F (jumper selectable)

Regulated output power supply Heater Board



Special "Rim" Edge prevents water droplets on the dome cover surface.



2 Domes Covers Available :



Clear

Tinted

The FB-3612-92-HB-C Dome comes with Clear Dome. The part number for the TINTED dome is FDL1606-S.

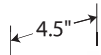
Weight :

FB-3612-92 :	10 lbs
FSP3610 :	3.25 lbs
FSM3610 :	2.2 lbs
FSC3610 :	2.7 lbs
FSA3610 :	1.3 lbs

Part number	Description	Input	Wattage	Temperature
FB-3612-92-HB-C	Heater, Blower & Clear Dome	24VAC, 100VA	41WATTS	-22°F to 120°F (-30°C to 49°C)

Mounting Accessories :

Wall Mount FSM3610



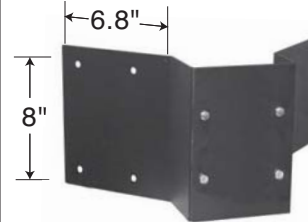
- Access channel for cable
- Stainless steel bolt for dome
- Waterproof

Ceiling Mount FSP3610



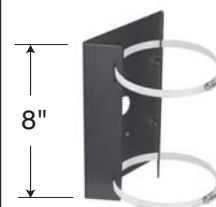
- 6" x 1" NPT threaded pipe
- Mounting box with knockouts

Corner Adaptor FSC3610



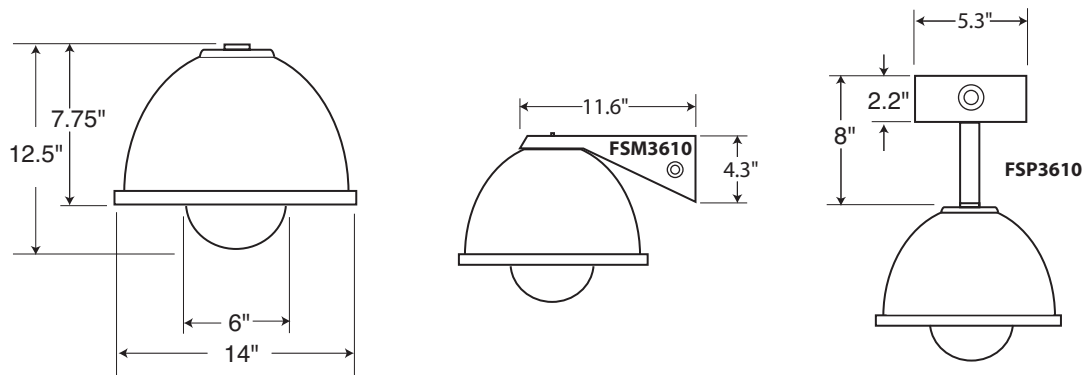
- Heavy duty
- 4 screws included
- Requires FSM3610

Pole Adaptor FSA3610



- 2 Stainless Steel straps
- For 3" to 8 1/2" pole
- Requires FSM3610

Hybrid Dome Dimensions :



* Mounting Plate :



The adjustable mounting plate matches the foot print of the Toshiba IP PTZ camera. See Installation Guide.

Adjustable mounting plate for IK-WB21A

FB-3612-92-HB-C Outdoor Dome for IK-WB21A



Installation Steps

** Do not immediately remove the plastic film on the dome cover section. Install the wall bracket (FSM3610) or ceiling bracket (FSP3610). Make sure it is safely secured in place.

- Use a tamperproof key provided, release the four screws holding the dome cover to the upper dome section (**see #1**). **IMPORTANT:** 1/4 turn counter-clockwise to unlock each screw (**1**). Carefully remove the dome cover (use a light twisting movement if needed to loosen seal).
- Attach the upper dome section to the mounting bracket (**2**).
- Remove the mounting plate (**3**). Pull cables through the bracket (**4**). Fix the camera to the mounting plate with the 4 screws provided (**5**).
- 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).
- Connect the jumper cable (12VDC) to the camera (**7**).
- Insert the mounting plate & camera assembly in **LOCATION # 6** inside the dome (**8**).
NOTE: While installing the mounting plate back in the dome, you may have to move the adapter to level the mounting plate (**9**).
- Check all connections before connecting the transformer to 120VAC. If the camera doesn't work, verify the fuse (**10**) and the transformer output ! Complete camera testing.
- Fix the dome cover section back in place arrow above arrow (**11**) and secure the four screws. **IMPORTANT:** 1/4 turn clockwise to lock each screw (**12**). Remove the protective film off the lower dome.

