Installing Camera Bracket

dotworkz SYSTEMS

VideoIQ Dome Cameras

VIQ-DSMK1 Surface Mt Adapter

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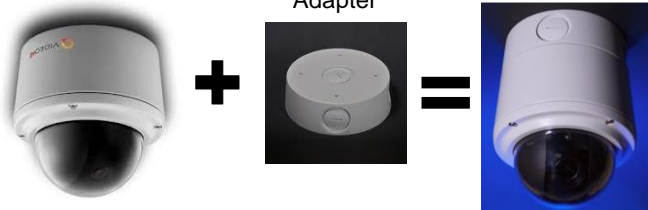
**Required components:**
(1) VIQ Dome Camera
(1) VIQ-DSMK1 Surface Mount Adapter from VIQ

Surface mount adapter is a VIQ product;
It is a required item for installation into D2 Housing,
It is sold separately from VIQ camera from VideoIQ*

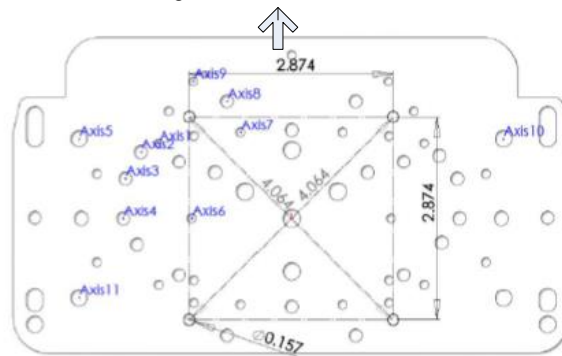Fasteners pictured are representative:
Longer fasteners will be needed
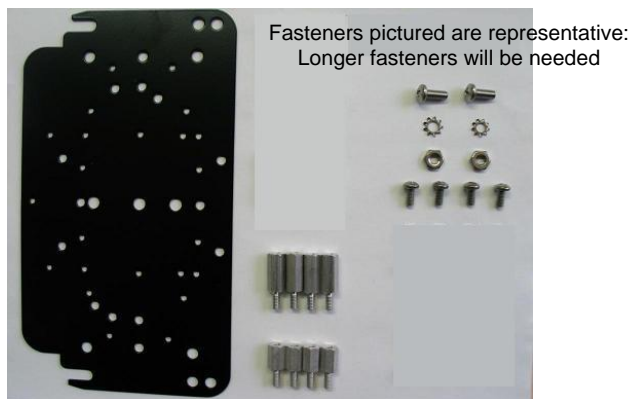
1. To install the VIQ in the D2 Enclosure, first install the VIQ-DSMK Surface Mount bracket adapter (purchased from VIQ), to easily mount VIQ Dome onto the D2 camera mounting plate.

2. Do this by aligning the four holes on the D2 camera bracket with the Surface Mt Adapter four holes. Use (4) #6 or #8 dia screws, lock washers, & hex nuts to secure the adapter to the D2 camera bracket.
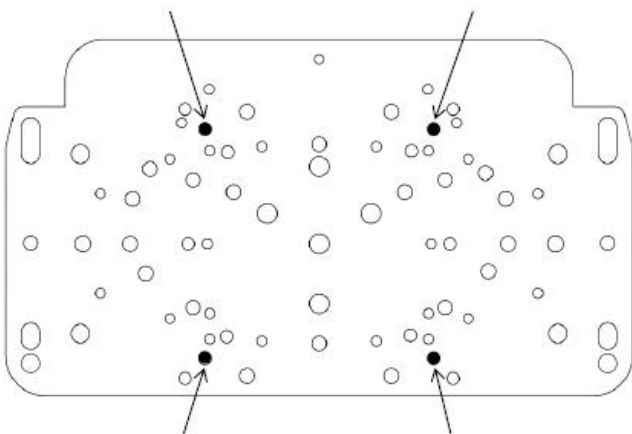
Attach Surface Mt Adapter using these 4 holes.
Use (4) #8-32 machine screws with mating nuts to secure VIQ adapter to Dotworkz camera bracket

This edge nests in arch at front of D2

2.874

2.874

Axis9
Axis8
Axis5
Axis10
Axis12
Axis7
Axis3
Axis10
Axis4
Axis6
Axis11

4.064 4.064

0.157

This edge of the bracket faces back of the D2 enclosure

3. Remove side Plug on adapter to feed camera power and CAT5 wires out from side as shown on left image, below.

VIQ-DSMK1 Bracket top view, with security torx screw for camera lock-down visible

VIQ-DSMK1 Bracket back view.

4. Next follow the VIQ installation instruction to mate adapter to the camera with twist lock onto surface mount adapter keyholes.
Make sure route power & data wiring out side of side hole.

5. The VIQ camera requires a **1.5"** spacing mounted to D2 upper mounts for optimal fit and operation. Use (4) 1.5" aluminum standoffs that are provided in universal standoff pack.

x (4)

1.5"

(for D3 Housing: 4.5" spacing mounted to D3 Lower – dome side)

Picture represents standoff location & orientation.
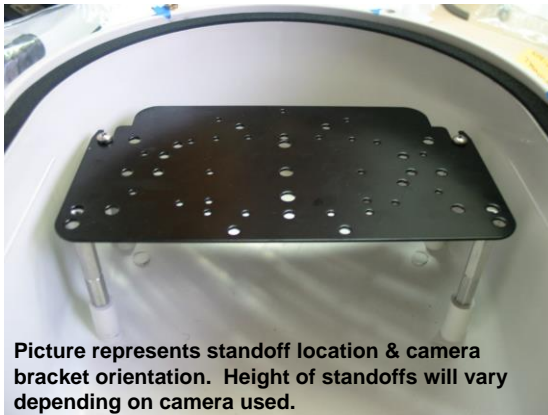**Height of standoffs will vary depending on camera used.**

Continued . . . .

6. Mounted Camera will face out toward clear dome. For best optical performance, remove VIQ dome bubble as the D2 dome bubble will protect camera.

7. Place the camera bracket with the camera pre-mounted on it into place to line up with 4 screws holes on corners lined up with top of installed standoffs.

Picture represents standoff location & camera bracket orientation. Height of standoffs will vary depending on camera used.

8. Use (4) #8-32 x ½" long machine screws (Phillips head) to secure the bracket into place on standoffs; Fasten securely but do not over tighten.
Camera faces up toward you (not shown in image).

Again, make sure the camera bracket is facing the right direction. Pinched side of bracket face toward front of D2.

Picture represents camera bracket orientation & how it is secured. Don't' forget to mount your camera to the D2 camera bracket based on instructions.

9) Attach wiring to camera as per VIQ recommendations.
Most models are 12VDC powered in Dotworkz Housing.
Camera also compatible with 24 VAC