

Architectural & Engineering Specifications (A & E)

Sealed Outdoor Camera Enclosure universally Compatible with most brand and models of IP and analog PTZ and Mini-Dome Camera.

PRODUCTS

1.00 MANUFACTURER

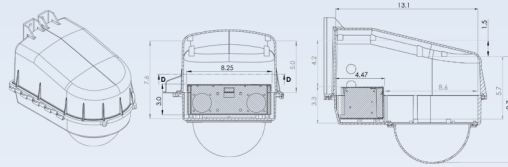
- A. Dotworkz, Inc.
3688 Midway Drive
San Diego, CA 92110
PH. +1 (866) 575-4689
FAX +1 (619) 639-9914
- B. This product shall be manufactured in the USA using the highest quality.

1.02 GENERAL CAMERA ENCLOSURE DESCRIPTION

- A. Camera Enclosure specified shall be designed for Ethernet network cameras & CCTV cameras for commercial, industrial, or government applications requiring a rugged, sealed outdoor rated camera enclosure with compatibility to house a broad range of Pan Tilt Zoom (PTZ) or fixed Mini-dome cameras that are commercially available for IP, and High Definition, and CCTV capability.
- B. Camera Enclosure shall be minimal outdoor protection rating of IP66 and/or NEMA 4X and shall include harsh environment IP68 or better cable seal strain relief connector ports.
- C. Customer supplies camera to be installed into the enclosure.

D2-RF-MVP Outdoor Housing

Dotworkz D2 Ring of Fire Outdoor Enclosure with Multi-Volt Platform for Surveillance Camera Systems



1.03 CAMERA ENCLOSURE REQUIREMENTS

- A. Shall provide power to compatible cameras @ 12 VDC & 24 V, and environmental control board for providing power to protective elements which could include two high output 10 CFM Fans, and integrated internally mounted and thermostatically controlled 65 watt heater Ring that surrounds camera for optimal de-fogging, de-icing, and cold weather thermal protection.

1.04 ENCLOSURE MOUNTING REQUIREMENTS

- A. Shall have integrated capacity for wall mounting of enclosure.
- B. Shall be compatible with optional brackets with capacity for strap mounting pole mounting of enclosure, corner mounting bracket options, and parapet mounting options, and non-penetrating roof mounting.
- C. Shall be compatible with a media connection cable of Category 5 and/or Category 5 Enhanced and/or Category 6 twisted pair (UTP) cable, or analog coaxial cable.

2.00 Electrical Specification - Housings

- A. Source Supply Voltage to power enclosure:
95-264VAC & 20-30VAC/ VDC
- B. Voltage available in enclosure to power Camera:
12VDC @ 25 watts max, or 24V @ 25 watts max.
Total sum power to camera or accessories is 25 watts, each channel

2.01 Mechanical Specifications - Housings

- A. Weight: 7 lbs. (3.2 kg)
- B. Exterior 14.9(L) x 13.4(H) x 11.7”(W)
- C. Interior: 8.6(dia @ mount base) x 9.3 tall(6.8 dia. max @ lens) (Maximum camera size)
- D. Hinged Lower with Captive Stainless Steel Fasteners.
- E. Rugged Polycarbonate Housing (0.160” wall)
- F. Clear Acrylic Viewing Lens bubble 6.8” dia. x 3.7” deep
- G. White Semi-gloss finish to PC housing.
- H. Protective Urethane foam Gasket Seals.
- I. Integrated wall mounting tabs.
- J. Integrated Omni Antennae mounting tab on side.
- K. Certifications: NEMA 4X / IP66.

2.02 Environmental Specifications

- A. Operating Temperature Range: -50°F to 145°F (-46°C to 63°C)
- B. Humidity: 10% to 90% non-condensing.
- C. Housing Shall meet or exceed a rating of NEMA 4X and/or IP66.
- D. Shall have two cable entry ports rated to IP67 for power & data cables.
- E. Shall be deployable into a wide range of moderate to freezing environments of Residential, Commercial, Industrial, Marine, Desert, and other indoor & outdoor installations.