

Architectural & Engineering Specifications (A & E)

Outdoor D3 Camera Enclosure with integrated Ring of Fire MVP de-icing. Compatible with PTZ and Mini-Dome Cameras and Accessories

PRODUCTS

1.00 MANUFACTURER

A. Dotworkz, Inc.
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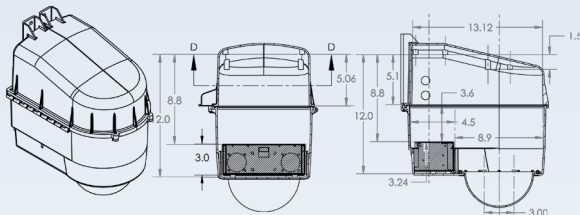
B. This product shall be manufactured in the USA using the highest quality.

1.02 GENERAL CAMERA ENCLOSURE DESCRIPTION

- A. Camera Enclosure specified shall be designed for CCTV or IP camera networks for commercial, industrial, or government & military applications requiring a rugged, sealed outdoor rated camera enclosure with compatibility to house a broad range of fixed cameras commercially available for on IP and High Definition & CCTV model camera integration capability.
- B. The Camera Enclosure shall be minimal rating of IP66 and/or Nema4x.
- C. Camera Enclosure shall include harsh environment cable wiring port seals rated to IP68 or better & providing cable strain relief connectors.
- D. Shall provide integrated capacity for bolt on wall mounting of enclosure.
- E. Compatible with optional brackets with capacity for strap mounting/pole mounting of enclosure.
- F. Camera Enclosure shall be compatible with a media connection cable of Category 5 and/or Category 5 Enhanced and/or Category 6 twisted pair (UTP) cable, using RJ45 compliant connectors.

D3-RF-MVP Outdoor Housing

D3 Enclosure with Ring of Fire Specifications and Multi-Volt Platform



1.03 INTEGRATED ENVIRONMENTAL CONTROLS

- A. Shall provide power to compatible cameras @ 12 VDC & 24 V, and environmental control board for providing power to protective elements, including 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 - Housing

- A. Source Supply Voltage to power enclosure: 95-264VAC & 20-30VAC/ VDC.
- B. Voltage available inside 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 - Housing

- A. Weight: 9.5 lbs. (4.3 kg).
- B. Exterior 14.95(L) x 17.6(H) x 11.7”(W).
- C. Interior 8.6(dia)x 13.0(H)x 9.0(depth) (max 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.
- 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. Recommended Operating Temperature: 30°F to +122°F (-1°C to 50°C)
- B. Absolute Operating Temperature Range: -20°C to 140°F (-7°C to 60°C)
- C. Humidity: 10% to 90% non-condensing.
- D. Shall be built to a standard rating of NEMA 4X and/or IP66.
- E. Shall include IP68 seals cable gland ports for power and data cables.