



**Ordering PN:**

ST-CD-SS

# S-Type Cooldome™

# 12VDC Actively Cooled IP66 Housing for Outdoor Surveillance Cameras

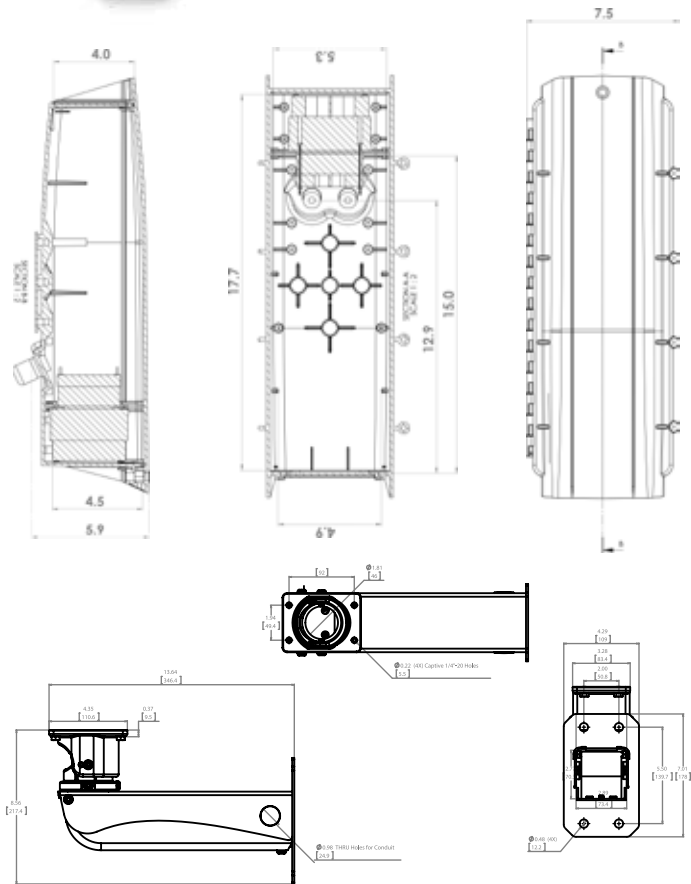


# Overview

The Dotworkz S-Type Cooldome™ is an actively cooled camera enclosure engineered for demanding outdoor surveillance environments. Designed with Dotworkz Cooldome™ thermo-electric cooling technology, it protects sensitive cameras, encoders, NVRs, small computers, switches, wireless radios, and other electronics from heat damage caused by direct sunlight and extreme heat conditions. Ideal for high-heat zones, remote deployments, AI cameras, railways or critical infrastructure applications.

## Key Features

- **CoolDome™ Active Cooling:** Thermo-electric cooler maintains internal temperatures up to 50°F cooler than ambient temperature.
- **Thermally Protected:** Polycarbonate shell with an integrated foil and foam thermal blanket minimizes heat buildup from solar radiation and UV exposure.
- **IP66 Rated:** Airtight, watertight, and dustproof design ideal for marine, desert, and urban installations.
- **Secure Installation:** Heavy-duty arm and anti-vandal locking system provide enhanced protection.
- **Always-On Internal Cooling:** Temperature control circuits regulate internal temperature.
- **Optimized for Integration:** Supports internal networking, recording, and wireless gear with up to 3A camera power output.
- **Power Supply:** IP67 Rated, outdoor power supply included (new for 2025)



## Product Attributes

- **Power Consumption (without camera):** 9 amps @ 12 VDC (typical at full load)
- **Input Power Source Options:** 12 VDC, 110 V AC, or 220 VAC
- **Output for Camera Power:** 12 VDC
- **Internal Power Available for Camera:** 3 amps @ 12 VDC
- **Operating Temperature:** -25°C - +65°C (-13°F - +149°F)
- **Active Cooler:** 400 BTU                      Thermostatically Controlled
- **Fan:** 25 CFM                                      Always On
- **Warranty:** 1 Year Limited Warranty

## Dimensional Specifications

<b>Product</b>	Weight: 6.9 lbs	Dimensions (L x W x H): 20.8" x 7.5" x 6.7"
	Weight: 3.1 kgs	Dimensions (L x W x H): 529mm x 191mm x 170mm

## Applications:

Perfect for installations where temperature control is mission-critical:

- Traffic intersections
- Coastal or desert environments
- Remote solar-powered sites
- Airports and logistics hubs
- Smart city deployments
- Defense or border security