



**Ordering PN:**

STXL-CD

# STXL Cooldome™

# 12VDC Actively Cooled IP66 Housing for Outdoor Surveillance Cameras

# Overview

The Dotworkz STXL Cooldome is a purpose-engineered, extra-large outdoor camera housing designed to transform virtually any indoor box or brick-style cameras, including large form factor models with high-zoom lenses into a fully ruggedized outdoor surveillance solution. Engineered for performance in extreme environments, the built-in Active Cooling System helps cameras run safely in hot temperatures. With its IP66 rated protection, your camera will be protected in harsh weather or marine settings.

## Key Features

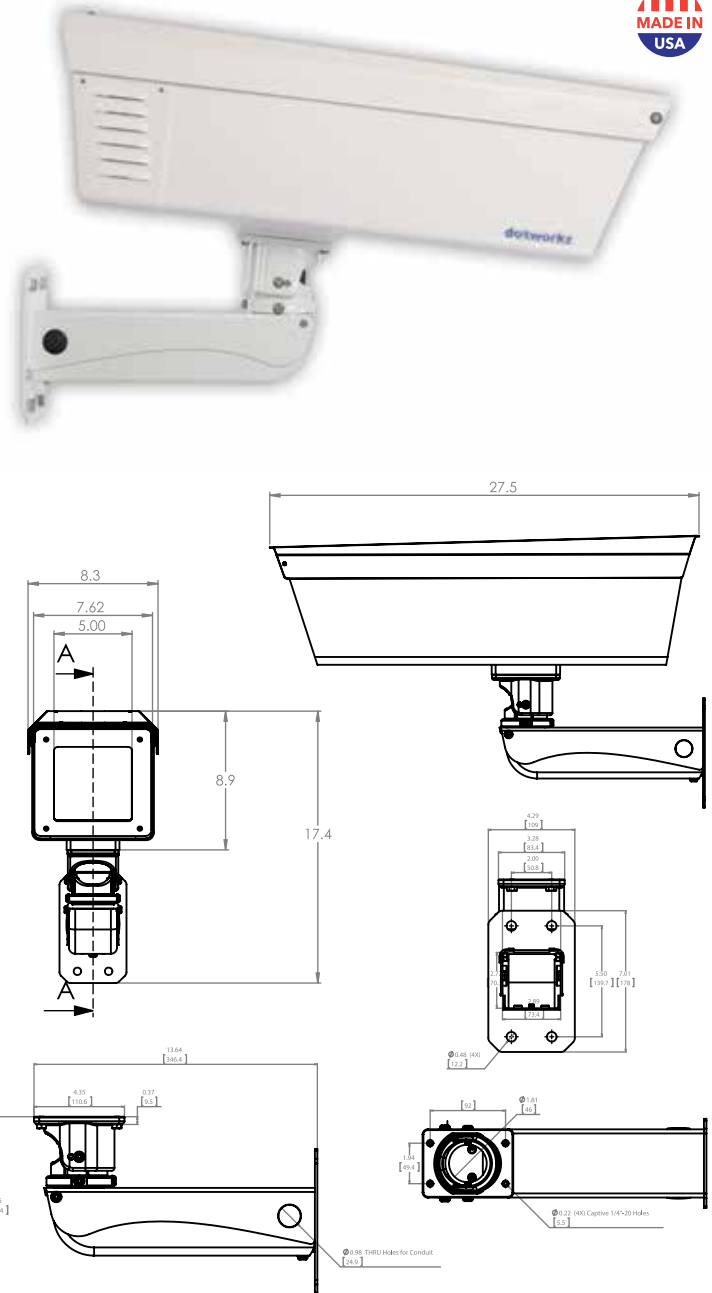
- **CoolDome™ Active Cooling:** Thermo-electric cooler maintains internal temperatures up to 50°F cooler than ambient temperature.
- **Thermally Protected:** Integrated foil and foam thermal blanket minimizes heat buildup from solar radiation and UV exposure.
- **IP66 Rated:** Airtight, watertight, and 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: 17.4 lbs	Dimensions (L x W x H): 27.5" x 8.3" x 8.9"
	Weight: 7.9 kgs	Dimensions (L x W x H): 699mm x 211mm x 226mm



## 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