

XH Series

Cooldome™

Hot Climate Enclosure



Avoid overheating problems on your network camera system

Dotworkz XH Cooldome™ camera enclosure series is designed for hot climate applications, where the ambient temperature is above 100°F (37°C), protecting the camera system up to 145°F (63°C).

In direct sunlight, temperatures can reach 150°F inside a standard camera enclosure, far beyond the operating limits of most IP network cameras. The Cooldome™ operates with a Dotworkz-designed thermo-electric cooling system that actively cools the internal camera enclosure, turning on/off automatically at set temperature thresholds, preventing heat-induced shutdowns and risk of damage to expensive surveillance equipment.

Dotworkz XH Cooldome™ camera enclosures series is compatible with most PTZ and fixed IP network and analog cameras and is available with different mounting options: wall, pendant, static enclosures and with different lens options: clear, smoke, chrome mirrored and gold mirrored acrylic providing versatility and reliability. Dotworkz XH Series Cooldome™ camera enclosures are also available with voltage inputs from 12 VDC to 110/220 VAC and in vandal resistant models to fit all application needs.

FEATURES

- High efficiency thermodynamic cooling system with high-flow heat dissipation fan
- Removes heat and provides an actively-cooled camera enclosure environment
- Generates up to 45° differential with the outside temperature
- Controls humidity that causes fog and corrosion damage
- NEMA 4-rated enclosure for a contaminant-free camera environment
- Integrates with most wireless network equipment, including the Dotworkz 2.4 GHz 802.11b/g Sidekick Series and Dotworkz 5/ 2.4 GHz 802.11 a/b/g Sidekick Series
- Integrates with Dotworkz PF-128 Battery Backup System Sidekick that isolates your camera system from catastrophic power failures, providing an uninterrupted power supply for up to 5.5 hours
- Integrates with the Dotworkz XC Ring of Fire™ system and Dotworkz Heater/Blower system for maximum camera protection.



XH-FDW Series



XH-A13SH Series



XH-FDP Series

XH Series Specifications

XH-FDW Series

XH-FDP Series

XH-A13SH Series

Environmental Specifications

Operating Temperature	+20° F(-7°C) to +150°F (+66°C) optional cold climate kits available
Thermo-dynamic cooling system activates at	100°F (38°C)
Thermo-dynamic cooling system deactivates at	80°F (27°C)
Thermo-dynamic safety cutoff activates at	200°F (93°C)

Electrical Specifications

Input Voltage	12VDC, 24VAC, 110/220VAC
AC Frequency	47-63 Hz
AC Input Current	150 W max. (including camera)

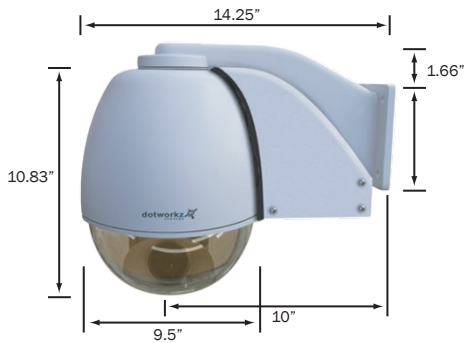
Mechanical Specifications

Dimensions (H x W x D)	11.13" x 9.5" x 10.56" (28 x 24 x 27 cm)	4.33" x 5.5" x 15.25" (11 x 14 x 39 cm)
Power Cable Length	5 ft	
Weight	17 lbs (7.73 kg)	15 lbs (6 kg)
Construction	ABS plastic/ Cast aluminum Rated IP66	Housing Body: two extruded aluminum (.08" wall thickness, white finish) halves Endcaps: two injection-molded polycarbonate

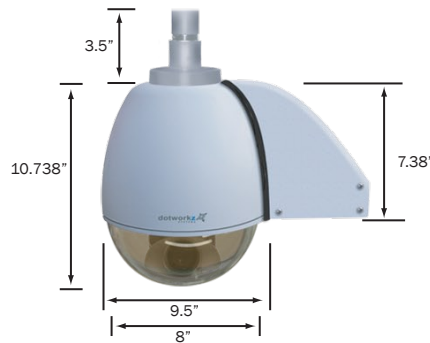
System Components and Supplied Accessories

Camera enclosure, camera bracket, camera mount screws, fan, humidity absorber, thermostat, thermodynamic cooling module, 20' network cable.

Cooldome Dimensions



XH-FDW Series



XH-FDP Series



XH-A13SH Series

Other Dotworkz Products



Dotworkz Ring of Fire™ XC Series



Dotworkz Marine Dome MDE Series



Dotworkz PF-128 Battery Backup System



Dotworkz NVR-300 Series



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