

XC Series

# Ring of Fire™

## Cold Climate Enclosure



### Extend camera life and reduce cold weather maintenance

Dotworkz XC Ring of Fire™ camera enclosure series is designed for camera operations in severe cold applications. Patented deicing/defrosting circuits remove snow and ice from the dome that obstruct the camera's view, providing a heated interior that prevents camera from freezing and allows full mobility of PTZ functions even under the harshest weather conditions.

Dotworkz XC Ring of Fire™ camera enclosure series protects your camera from climates as cold as -100°F (-73°C)\*. Other temperature and various voltage settings can be customized to meet your environmental requirements. This camera enclosure is ideal for cell towers, ski resorts, and outdoor applications in cold regions.

Dotworkz XC Ring of Fire™ camera enclosure 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. This product series is available with voltage power inputs from 12 VDC to 200-240 VAC and in vandal resistant models to fit all application needs.

\* Regular Ring of Fire™ version protects camera down to -20°F (-28°C)

### FEATURES

- High performance 360° heating system with unsurpassed functionality in extremely cold weather
- Prevents fogging and icing in weather as cold as -100°F (-73°C)
- Customized temperature settings for specialized environmental and equipment needs
- External electronics equipment are not required
- 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 the 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 XH Cooldome™ system and Dotworkz Heater/Blower system for maximum camera protection



XC-FDW Series



XC-A13SH Series



XC-FDP Series

# XC Series Specifications

## XC-FDW Series

## XC-FDP Series

## XC-A13SH Series

### Environmental Specifications

Operating Temperature	-100° F (-40°C) to +105°F (+41°C)
Heater activates at	+45°F (+7°C)
Heater deactivates at	+60°F (+15°C)
Humidity	100% when sealed
Output Power	radiant heating ring output wattage: 50W or 65W (depending on application)

### Electrical Specifications

Input Voltage	12VDC, 24VAC, 110/120VAC, 220/240VAC
AC Frequency	47-63 Hz
AC Input Current	85 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	12 lbs (5.5 kg)	10 lbs (4.5 kg)	10 lbs (4.5 kg)
Construction	ABS plastic/ Cast aluminum Rated IP66		<b>Housing Body:</b> two extruded aluminium (.08" wall thickness, white finish) halves. <b>Endcaps:</b> two injection-molded polycarbonate.

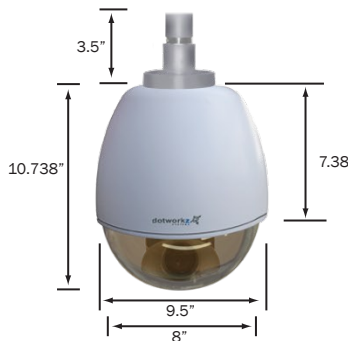
### System Components and Supplied Accessories

Camera enclosure, camera bracket, fan, thermostat, 360° radiant heater, power supply and 7' network cable.

### Ring of Fire Dimensions



XC-FDW Series



XC-FDP Series



XC-A13SH Series

### Other Dotworkz Products



Dotworkz Cooldome™ XH Series



Dotworkz Marine Dome MDE Series



Dotworkz PF-128 Battery Backup System



Dotworkz NVR-300 Series



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