

ITEM #D2-RF



THE RING OF FIRE™ D2 BRINGS CAMERAS IN FROM THE COLD

The Dotworkz D2 environmental housing brings unsurpassed protection to surveillance cameras from the rigors of harsh outdoor environments, vandalism and physical damage. Taking this protection to the next level, the D2 is now available with the Dotworkz Ring of Fire™ heated interior system that will prevent cameras from freezing in climates down to -40° F (-40° C). Extreme cold takes extreme measures — count on the one and only D2 enclosure with Ring of Fire thermal protection!

High Performance 360* Radiant Heat

By keeping cameras within their safe operating temperatures, the Ring of Fire D2 extends camera life, allows full mobility of PTZ functions, plus keeps cold weather maintenance to a minimum. In addition, the thermostatically controlled heating system with its self-contained power supply can be customized for specialized environmental and equipment needs.

Improved Visibility

Unlike traditional heated enclosures that regularly fog up or ice over, the Ring of Fire D2 features patented de-icing/defrosting circuitry that removes snow and ice that would obstruct the camera's view. Plus, the Ring of Fire D2 housing seals out all moisture, preventing lens condensation and fogging.

Essential Protection In Cold Regions

Providing consistent climate control assures peak performance of cameras in harsh weather conditions. The Ring of Fire D2 is an essential solution for cameras installed at ski resorts, government facilities, northern border crossings, cell towers and other outdoor applications in cold regions.

- IP and analog PTZ camera compatible
- Vari-Fit internal bracket included for perfect fit
- Impact resistant Polycarbonate Thermalplastic
- Thermostatically controlled De-icing and Heating Element
- IP66 rated against dust, water, and salt water air
- IP68 (water proof) connection ports
- Will not rust or corrode
- Shock resistant
- Onboard component mounting space for:
 - Routers
 - Cell networks
 - Hard drives
 - UPS
 - WiMAX
 - Mesh hardware
- Onboard antenna mounting tab
- Heavy-duty lower lens for impact resistance



Industrial grade patented pending Ring of Fire™ module protects cameras down to -40°F (-40° C), plus prevents snow and ice from collecting on the dome lens



The Ring of Fire™ D2 package is supplied with:

- D2 camera enclosure
- Vari-fit camera bracket
- Humidity absorber pack
- Ring of Fire™ heating module

Mechanical Size

Dimensions (L x W x H)	14.9" x 11.7" x 13.2" (378.5mm x 297.2mm x 335.3mm)
Weight (enclosure)	10 lbs (4.5 kg)
Construction	
Enclosure	Polycarbonate Thermal Plastic
Lens	High Impact Acrylic, .0625" Thickness (1.58mm)

Environmental

Ring of Fire	-40° F (-40° C) to 100° F (40° C)
Heater Activates at	40° F (4° C)
Heater Deactivates at	60° F (15° C)
Dual Blower Integrated	20 CFM, always on

Electrical

Power Consumption	
Ring of Fire	3A @ 115VAC typical @ full load
Power Source	12 VDC, 24VAC, 110 VAC, 220 VAC
AC Frequency	47-63 Hz
Input Current	3A @ 115 VAC max. Including camera

Wireless "Sidekick" (Option)

Type	900MHz, 802.11 B/G/A
Frequency	900MHz, 2.4GHz, 5.8GHz
RF Transmission Rate	1.5Mbps to 54Mbps
Range (w Line of Sight)	Up to 30 miles (with line of sight)*

*Distance will depend on antennas and frequencies used.

D2 Accessories

	Part #
Integrated Sidekick 900MHz Module	AW-D2-900
Integrated Sidekick 2.4GHz Module	SK-D2-2.4
Integrated Sidekick 5.8GHz	AW-D2-5.8
Dome Wizard Cleaner Kit	AC-0928
EZ Lock Pole Mount Adapter	BR-MPM1
Tilt Angle Correction Plate	BR-MPM1-AC



1. Impact-resistant lens available in both clear and smoke
2. Antenna mount
3. Integrated wall mount adapter with optional pole mount adapter
4. Component bay for routers, cell networks, UPS, hard drives, WiMAX, mesh hardware
5. Polycarbonate Thermal Plastic will not rust or corrode
6. IP66 and NEMA 4X Certified