

ITEM #D2-CD



**COOLDOME™**

**D2™**

**OUTDOOR CAMERA PROTECTION**

## **THE D2 COOLDOME™ REALLY TAKES THE HEAT**

Dotworkz D2 introduces the next generation of outdoor protection for analog and network based security camera systems. As camera technology evolves so has the housings that protect them. Dotworkz D2 has taken this protection to the next level with the COOLDOME™ thermo-electric cooling system for climates where temperatures exceed 105° F (41° C) and reaches as high as 155° F (68° C). Originally designed for video surveillance of the Pyramids of Egypt, the COOLDOME D2 is the ultimate safeguard for your PTZ cameras.

### **Eliminates Camera Failures**

Most cameras shut down in extreme heat leaving an area vulnerable without video surveillance. The COOLDOME D2 keeps cameras operating flawlessly, even when subjected to soaring temperatures and direct sunlight. The solid state cooling system and high-flow fans remove heat without air exchange into the sealed housing, thus controlling humidity that can cause lens fogging and component corrosion.

### **Automatic Thermal Protection**

The COOLDOME D2 turns off and on automatically at set temperature thresholds to generate up to a 45° F (25° C) differential with the outside environment. Besides preventing thermal shutdown, the lower temperature reduces wear on moving parts as well as damage to mounted wireless components, cell routers, and hard drives.

### **Field Tested In World's Hottest Climates**

For more than six years, COOLDOME D2 has been used in a variety of mission critical applications, including NASA, Military, Casinos, Dams and border Security operations.

- IP and analog PTZ camera compatible
- Vari-Fit internal bracket included for perfect fit
- Impact resistant Polycarbonate Thermalplastic
- Thermal-Electric cooling system providing up to 45° differential
- IP65 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



The COOLDOME™ D2 package is supplied with:

- D2 camera enclosure
- Vari-fit camera bracket
- Humidity absorber pack
- 2-ply thermal protection blanket
- COOLDOME™ TEC module

Smaller cameras are mounted in the lower part of the COOLDOME™ D2 to maximize space for components. Larger cameras are mounted on the upper dome.

### 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)	15 lbs (6.8 kg)
Construction	
Enclosure	Polycarbonate Thermal Plastic
Lens	High Impact Acrylic, .0625" Thickness (1.58mm)

### Environmental

Cooldome	30° F to 145° F (-1°C to 65°C)
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### Electrical

Power Consumption	
COOLDOME	12VDC, 150W
Power Source	(coming soon) 12VDC, 110VAC, 220VAC, 24VAC
AC Frequency	47-63 Hz
Input Current	External P/S 4.8A @ 115VAC

External Power Supply Included for 110 VAC or 220 VAC. If mounted outdoors, additional NEMA Enclosure is required (Product Code AC-0919)

### 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 Thermalplastic will not rust or corrode
6. IP65 and NEMA 4X