

ITEM #D2-TR



THE TORNADO™ D2 KEEPS PTZ CAMERAS COOL

The revolutionary D2 outdoor camera housing system is now available with a High-Flow blower option. The Tornado D2 provides needed air flow circulation around the enclosed camera and sensitive hardware, significantly reducing hotspot buildup when temperatures heat up. The Tornado D2 is ideal for milder climates where temperature extremes are rare but thermal protection is required.

20 CFM Air Movement

The Tornado D2 delivers 20 CFM air movement where it's needed most to keep cameras and components within their safe operational temperature range. In addition, the polycarbonate thermalplastic compound provides maximum IR reflection. Inside a 2-ply thermal blanket provides heat and EMI shielding for year-round peak performance, combined with INSOL foam for optimal thermal protection.

Prolong Camera Life

Excessive heat can damage cameras. The ultimate barrier between the camera and outside heat, the Tornado D2 enclosure significantly reduces heat-related wear-and-tear.

COOLDOME™

For more extreme heat, Dotworkz suggests the D2 equipped with the COOLDOME module designed for use where temperatures exceed 105° F (66° C).

- IP and analog PTZ camera compatible
- Vari-Fit internal bracket included for perfect fit
- Impact resistant Polycarbonate Thermalplastic
- Additional Thermal Blanket Lining for added protection
- 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



The Tornado D2 package is supplied with:

- D2 camera enclosure
- Vari-fit camera bracket
- Blower module
- Reflective Thermal Blanket Insulation
- Camera ready power leads for 12V cameras

The D2's simple design is compatible with 99% of IP and analog PTZ cameras including models from Axis, Sony, Toshiba, Canon and many more



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)	8 lbs (3.6 kg)
Construction	
Enclosure	Polycarbonate Thermal Plastic
Lens	High Impact Acrylic, .0625" Thickness (1.58mm)

Electrical

Power Consumption	0.7A @ 115VAC typical @ full load
Dual Blower	20 CFM, always on
Power Source	12 VDC, 24VAC, 110 VAC, 220 VAC
AC Frequency	47-63 Hz
Input Current	1.2 A @ 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.

Internal Environmental Controls

Active Systems Thermostatically Controlled	Passive
Cooling and Heating	NA
Internal Fans	(2) 50 x 50 50mm, 2 x 10 CFM = 20 CFM
Dual Ply, Solar Guard Insulation Kit	installed
Humidity Control Package	Available, sold separately

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