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## ***Rugged Dome***

*Weatherproof Rugged Dome Camera*

### ***Overview***

The weatherproof, vandal-resistant Rugged Dome features a die-cast housing, an impact-resistant Lexan® dome, tamperproof screws, and a hinged cover for easy setup. A durable gasket on the base of the Rugged Dome provides a watertight seal to protect the camera. The dome can withstand temperatures ranging from 14° to 122° F (-10° to 50° C).

### ***Outstanding Features***

The Rugged Dome offers a high-resolution, EXview™ camera that incorporates adjustable gain control for low-light performance and excellent infrared response. The camera also features digital signal processing, and its automatic backlight compensation prevents important foreground objects from becoming silhouetted against bright backgrounds.

The camera includes a variable high-speed electronic shutter that compensates for conditions ranging from bright sunlight to low-light environment.

The Rugged Dome's color camera delivers 480 TV lines of resolution and is sensitive to 0.1 lux. During low-light conditions, the camera will respond to infrared illumination from an IR source (such as an IR lamp or LEDs), providing a clear, high quality image under 0 lux visible light.

The Rugged Dome's day/night lens improves image quality in daylight and during the night under IR illumination.

Other cameras available with the Rugged Dome include a black-and-white camera that delivers 580 TV lines of resolution and is sensitive to 0.1 lux, a color camera that delivers 480 TV lines of resolution and is sensitive to 1.0 lux, or a color/monochrome camera that delivers 480 TV lines of resolution with a daytime, color image sensitive to 1 lux and a night image that responds to IR illumination and can produce a clear image under 0 lux visible light.



### ***Standard Features***

- **Weatherproof housing / IP66**
- **Discreet design appropriate for schools, banks, retail and commercial settings**
- **Tamperproof screws and Lexan dome for vandal resistance**
- **Hinged cover for easy adjustment and setup**
- **High-resolution color and black-and-white camera options, including EXview HAD CCD**
- **Day/night features provide clear images in bright light and IR illumination**
- **Varifocal and fixed lens options**
- **UL listed**

# Rugged Dome

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## Specifications

### Common Camera Specifications

- Signal system: NTSC/EIA or PAL/CCIR option
- Picture elements: 811 H x 508 V (NTSC)/795 H x 596 V (PAL)
- Scanning system: 525/60 lines (NTSC)/625/50 lines (PAL)
- Synchronizing system: Internal/line-lock; phase adjustable
- Signal-to-noise ratio: >50 dB
- Electronic shutter: 1/50 (1/60) to 1/100,000 sec
- Backlight compensation: Automatic
- Video output: 1.0 V pk-pk at 75 ohm load

### EXview Camera

- Image device: 1/3 in interline transfer EXview HAD CCD
- Resolution: 480 TVL
- Sensitivity: 0.1 lux @ f1.2 (SAGC on, 30 IRE); 0 lux visible light under IR illumination (730 to 1100 nm)
- Color balance: Advance digital autotracking
- Gain: Automatic
- Power consumption: 3.5 W

### Color/Monochrome Camera

- Image device: 1/3 in interline transfer super HAD CCD
- Resolution: 480 TVL
- Sensitivity: 1 lux @ f1.4; 0 lux under IR illumination
- Gain: Max gain 36 dB
- Power consumption: 2.4 W / 3.1 W

### Color Camera

- Image device: 1/3 in interline transfer super HAD CCD
- Resolution: 480 TVL
- Sensitivity: 1 lux @ f1.4 (minimum illumination); 0.1 lux (faceplate)
- White balance: Autotracking white balance
- Power consumption: 160 mA; 1.9 W @ 12 VDC; 3.8 W @ 24 VAC

### B/W Camera

- Image device: 1/3 in interline transfer super HAD CCD
- Resolution: 580 TVL
- Sensitivity: 0.1 lux @ f.14 (minimum illumination); 0.01 lux (faceplate)
- Power consumption: 125 mA; 1.5 W @ 12 VDC; 3 W @ 24 VAC

### Mechanical

- Operating temperature: 14° to 122° F (-10° to 50° C)
- Weight: 1.8 lb (820 g)

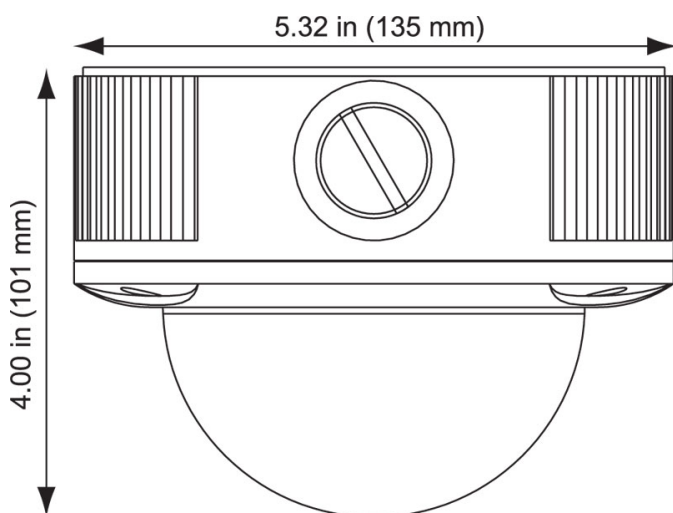
### Electrical

- Power source: Universal, 10 to 14 VDC / 18 to 40 VAC

### Accessories

- DR-PM: Indoor/outdoor pendant mount
- DR-WM: Indoor/outdoor wall mount
- DR-FM: Flush mount kit

## Related Diagram



## Ordering Information

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Camera	Lens	Transmission	
12 B/W	04 Lens pack*	Blank	Coaxial
15 Color	08 8 mm	T	UTP
18 Color/Monochrome	12 12 mm		
20 EXview with Day/Night lens	16 16 mm		
	25 25 mm		
	VFA3 3-8 mm Varifocal Auto Iris		
	VFA9 9-22 mm Varifocal Auto Iris		

\*4-mm standard. Includes a 2.5- and 6-mm lens pack.



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