

**2 Megapixel  
Outdoor IR Dome Camera  
Remote Focus  
HD Over Coax / HD-TVI**

**Description:**

The CDT2312VIRFW outdoor dome camera provides high quality video at 2 megapixel resolution over existing coaxial cable. The infrared LEDs provide illumination for clear image quality at night. The IP67 weatherproof rating makes this dome camera suitable for outdoor applications. Costar's new line of HD-TVI cameras are compatible with the ET Series DVRs and iRAS Video Management Software. iRAS is the remote access software that allows users to remotely view live and recorded video. iRAS incorporates features such as advanced event notification, map monitoring, system status monitoring and many more.

**Features:**

- 2 megapixel resolution (1080p)
- 1/2.8" Sony Exmor CMOS image sensor
- 2.8 - 12 mm remote focus and zoom lens
- 42 IR LEDs with a 65 foot (20 m) range
- True day/night with IR cut filter
- Back Light Compensation (BLC)
- Digital Noise Reduction (DNR)
- Wide Dynamic Range (WDR)
- Up-the-coax control (UTC)
- Weatherproof IP67 rated
- Vandal resistant housing IK10 rated
- DC12V or AC24V

# CDT2312VIRFW Specifications

Model	Lens (mm)	Resolution
CDT2312VIRFW	2.8 - 12 mm	2 Megapixel

## Power

Source	DC12V or AC24V
Consumption	850mA @ DC12V IRs On 500mA @ AC24V IRs On

## Sensor and General Information

Image Sensor	1/2.8" Sony Exmor CMOS
Scanning Mode	Progressive Scan
Resolution (H x V)	1920 x 1080
Len Type	Remote Focus
Lens Focal Length	2.8 - 12 mm
Iris Control	DC Auto Iris
Frame Rate	Up to 30 fps
IR LEDs	42 LEDs
IR Range	65 feet (20 m) range
IR Spectrum	850nm/45° x 5 x 42 IRs
Minimum Illumination	0 Lux with IRs On
Shutter Speed	Auto / Manual / Flicker 1/30 ~ 1/30,000
S/N Ratio	>50 dB

## Video Features

Video Output	1.0Vp-p, 75Ω Composite 1.0Vp-p, 75Ω TVI
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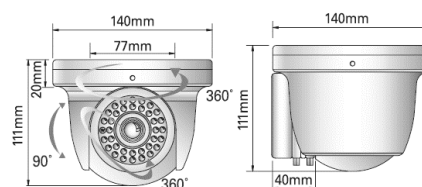
## Camera Functions

Auto Gain Control	Yes
Auto White Balance	Yes
Back Light Compensation	Yes
Day / Night	Yes; IR cut filter
Digital Noise Reduction	Yes
Wide Dynamic Range	Yes

## General Information

IP Rating	IP67
IK Rating	IK10
Humidity	0% ~ 80%
Temperature	14°F to 122°F (-10°C to 50°C)
Dimensions (W x H)	5.5" x 4.4" x 5.5" (140 x 111 x 140 mm)
Weight	3.0 lbs. (1400 g)

## Line Drawing



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Specifications and design are subject to change without notice. Conversions: 1" = 25.4mm Measurement conversions are approximate.