

# Costar CDCxxxIRVA

## Vandal-resistant Day/Night Weatherproof Infra-red Color Camera



The new CDCxxxIRVA series provides infra-red imaging in vandal-prone conditions. This innovative, weatherproof (indoor or outdoor) dome system provides 420 or 540 TVL resolution at 0.5 Lux (F1.4), and 0 Lux with the LEDs on. The 12 or 24 LEDs illuminate up to 50 feet. Meeting IP66 weatherproof standards, this series is ideal for subway stations, parking lots, prisons, elevators, or anywhere vandalism is a problem and lighting conditions are less than ideal.

### *Product Features*

- 540TVL, 0.5 Lux (F1.4), 0 Lux with LEDs on
- 2.6-6mm, 4-9mm or 9-22mm Varifocal DC Lens
- External Zoom, Focus, DC Iris Level Adjustments
- Day/Night Performance, 24 LED's, (50 Feet) Illumination
- High Impact Polycarbonate Lower Dome, Die Cast Aluminum
- Water & Dust Proof Standards: IP66
- 4.72" (120mm) or 3.70" (94mm) Dia.
- Voltage: 24VAC LL (CDC35)
- Limited 3-year warranty

# CDCxxxIRVA Series Specifications

## Power

Power Source	24VAC (CDC35) 12VDC (CDC3543)
Power Consumption	Max 420mA

## Sensor and General Information

Lens	2.6-6mm DC Auto Iris (CDC3526) 4-9mm DC Auto Iris (CDC3549, 9-22mm (CDC3522)
Image Sensor	1/3" Sony Super HAD CCD
No. of Pixels	795(H) x 596(V) (CDC35) 537(H) x 597(V) (CDC34)
Scanning System	2:1 interlace
Scanning Frequency	15.734KHz(H), 59.94Hz(V)
Sync System	Internal

## Video

Signal Format	NTSC
Resolution	540 TV Lines (CDC35)
Video Output	VBS 1.0V p-p 75Ω
Minimum Illumination	0.5 Lux (F1.4)
S/N Ratio	More than 48dB
Electronic Shutter	1/60 ~ 1/100,000 sec.

## Connector and Mechanical

Video Input	BNC connector
Power Input	2.1 barrel plug-center
Dimensions	4.72(D) x 3.78(H) in. 3.70(D) x 3.15(H) mm
Construction	Die-cast aluminum with high impact polycarbonate lower dome
Operating Temperature	14°F to 122°F (-10°C to +50°C)
Operating Humidity	30% to 90%
Environment	Indoor or outdoor IP66 rated
Weight	1.76 lbs (800 g)

## Recommended Monitors

CMC1400N	14" high-performance multi-standard, color monitor with OSD
CMC2100N	21" high-performance multi-standard, color monitor with OSD
CMC17LCD	17" color high-performance LCD monitor, black chassis
CMC17LCDW	17" color high-performance LCD monitor, white chassis
CMC19LCD	19" color high-performance LCD monitor, black chassis
CMC19LCDW	19" color high-performance LCD monitor, white chassis

## Recommended Video Recorders

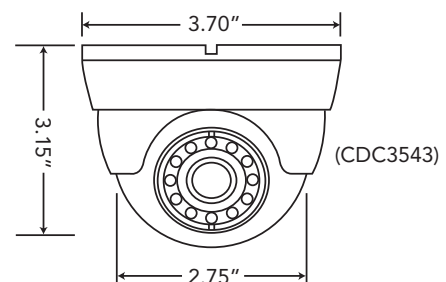
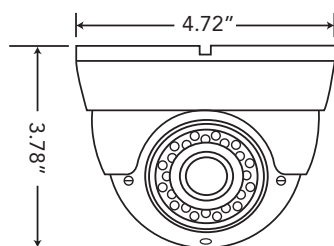
CRV	Embedded 4, 8 and 16 channel DVR
CRX	Embedded 4 and 16 channel DVR with text insertion
CR-PC	Windows XP OS 16 and 32 channel DVR

## Recommended Power Supplies

CPSV04	4-channel, 12 VDC/24 VAC Selectable, Smart Fuse, 2.5 Amp @ 12 V, 4 Amp @ 24 VAC
CPSV08	8-channel, 12 VDC/24 VAC Selectable, Smart Fuse, 2.5 Amp @ 12 V, 4 Amp @ 24 VAC
CPSV16	16-channel, 12 VDC/24 VAC Selectable, Smart Fuse, 5 Amp @ 12 V, 8 Amp @ 24 VAC

Model	CCD	Resolution	Illumination	Lens	Mount	Power
CDC3549IRVA	1/3" Sony Color HAD	540 TVL	0.5 Lux (F1.4)*	4-9mm DC AI	Wall or Ceiling	24VAC
CDC3526IRVA	1/3" Sony Color HAD	540 TVL	0.5 Lux (F1.4)*	2.9-6mm DC AI	Wall or Ceiling	24VAC
CDC3522IRVA	1/3" Sony Color HAD	540 TVL	0.5 Lux (F1.4)*	9-22mm DC AI	Wall or Ceiling	24VAC
CDC3543VIR	1/3" Sony Color HAD	480 TVL	0.5 Lux (F1.4)*	4mm DC AI	Wall or Ceiling	12VDC

\*0 Lux with LEDs on



Design and specifications subject to change without notice. Conversion: 1" = 25.4mm  
Measurement conversions are approximate.

Form CDCxxxIRVA-10/08