



CCM3430 CCC3330 SERIES

1/3" CCD
STANDARD RESOLUTION
WEATHER RESISTANT
BULLET CAMERAS



Color and B&W
2.97mm lens



Color and B&W
4-9mm varifocal lens

Costar weather-resistant bullet cameras provide reliable operation in virtually any environment. All cameras are fully assembled with camera, lens, BNC video and DC power cord, as well as mounting bracket. These cameras are great for covert installations.

FEATURES

- Standard-resolution 1/3" Sony CCD Super HAD technology
- Built-in reverse polarity protection
- Automatic back light compensation
- Auto electronic shutter
- Automatic white balance
- Mounting bracket included
- 12 VDC
- Weather resistant, rain and fog resistant glass
- Limited 3-year warranty

Our people make a difference.

Choice. Value. Service.

1420 Halsey Way, Suite 140 • Carrollton, TX 75007
Tel: 972-446-8844 • Fax: 972-446-8866 • 1-888-694-STAR (7827) www.costarvideo.com

MODEL CCM3400N

POWER

Power Consumption	100 mA B/W 150 mA Color
-------------------	----------------------------

SENSOR INFORMATION AND GENERAL

Image Sensor	1/3" interline transfer CCD (Sony Super HAD chip set)
Picture Element	537H x 597V
Scanning System	2:1 interlace
Scanning Frequency	15.75KHz(H), 60Hz(V)
Sync System	Internal
Electronic Shutter	1/60 ~ 1/100,000 sec.
Operating Temperature	14°F to 122°F (-10°C to +50°C)
Operating Humidity	<96% non-condensing

VIDEO

Signal Format	EIA 525 lines
Video Output	1.0 Vp-p, 75 Ohms unbalanced
S/N Ratio	48dB (AGC Off)

CONNECTOR & MECHANICAL

Video Input	BNC connector, 1 meter cable
Power Input	2.1 barrel plug-center, 1 meter cable

RECOMMENDED MONITORS

CMM0900N	9" B/W multi-standard monitor
CMM1200N	12" B/W multi-standard monitor
CMM1400N	14" B/W multi-standard monitor
CMM1700N	17" high-performance multi-standard, B/W monitor with OSD
CMM2000N	20" high-performance multi-standard, B/W monitor with OSD

RECOMMENDED VIDEO RECORDERS

CR611	8-hour event recorder
CR3030	30-hour virtual real-time high-density recorder with time/date search
CR3960	30-hour virtual real-time/960 hour high-density recorder with time/date search

Model	CCD	Power	Resolution	Lux	Lens	Weight	Dimensions
CCM3430	1/3" B&W	12 VDC	380 TVL	0.1, F1.2	2.97mm Fixed	2.3 oz. 65 g	.89" Dia x 2.2" L 22.6 mm x 56 mm
CCM3449	1/3" B&W	12 VDC	380 TVL	0.1, F1.2	4-9 mm Varifocal	8 oz. 227 g	1.25" Dia x 4.5" L 31.8 mm x 115 mm
CCC3330	1/3" Color	12 VDC	330 TVL	0.5, F1.2	2.97 mm Fixed	3.2 oz. 90 g	1" Dia x 3.4" L 25.6 mm x 87 mm
CCC3349	1/3" Color	12 VDC	330 TVL	0.5, F1.2	4.9 mm Varifocal	8 oz. 227 g	1.25" Dia x 4.5" L 31.8 mm x 115 mm



CCM3430
B&W
Bullet Camera



CCC3330
Color
Bullet Camera



CCM3449
B&W
Varifocal
Bullet Camera*



CCC3349
Color
Varifocal
Bullet Camera*

Design and specifications subject to change without notice.

Conversion: 1" = 25.4mm
Measurement conversions are approximate

* Shown with optional CSS Sun Shield



Distributed by

1420 Halsey Way, Suite 140 • Carrollton, TX 75007
Tel: 972-446-8844 • Fax: 972-446-8866 • 1-888-694-STAR (7827)
www.costarvideo.com