



# CCD CAMERA WITH OSD

## 1/3" DAY/NIGHT HIGH PERFORMANCE

**MODEL CVC3100** - HIGH RESOLUTION



### CAPABILITIES & FEATURES

- DIGITAL SIGNAL PROCESSING
- 1/3" SONY ExVIEW CCD WITH IR-OLPF
- COLOR MODE: 0.1 LUX AT F1.2, 50 IRE  
BLACK & WHITE MODE: 0.05 LUX, 50 IRE, SENS-UP
- 3 MODE WHITE BALANCE
- BACKLIGHT COMPENSATION WITH MULTI-SENSING ZONES
- CCD IRIS UP TO 1/60 ~ 1/100,000 SEC
- FLICKERLESS ON / OFF SELECTABLE
- TEXT DISPLAY, 24 ALPHANUMERIC CHARACTERS
- ON-SCREEN MENU AND ADJUSTMENT
- ACCEPTS BOTH VIDEO AND DC IRIS LENSES

#### RECOMMENDED HOUSINGS:

CCH2212 series / CCH2315 series  
CCH2317 series / CCH3194  
CCH3198 / CCH4107  
CCH4312 series / CCH4314 series

#### RECOMMENDED MOUNTS:

CWM0006 / CWM0114 / CWM1100

#### RECOMMENDED LENS:

CML3508V / CML3508D / CML0550D

#### RECOMMENDED POWER SUPPLIES:

CVA2420 / CVA3120

CVA0090 / CVA0160 / CVA1209

### SPECIFICATIONS

PICKUP DEVICE	1/3" interline transfer CCD
EFFECTIVE PIXELS (H x V)	768 x 494
TV SYSTEM	NTSC
SYNC SYSTEM	Internal
HORIZONTAL RESOLUTION	470 TV Lines
VIDEO OUTPUTS	Composite Video, Separate Y/C
VIDEO S/N RATIO	50 dB (AGC off, Sharpness low)
MINIMUM ILLUMINATION (F1.2, 50 IRE)	COLOR MODE: 0.1 lux BLACK & WHITE MODE: 0.05 lux, Sens up
AGC	34 dB (On / Off Selectable)
WHITE BALANCE	ATW / AWC / Manual (2,400k to 10,000k)
BACKLIGHT COMPENSATION	On / Off Selectable (Multi-zones)
AUTO ELECTRONIC SHUTTER	Auto / Manual (1/60 to 1/100,000 sec)
AUTO IRIS LENS	Video/DC selectable
GAMMA CORRECTION	Variable
FLICKERLESS	On / Off Selectable
TEXT DISPLAY	24 Alphanumeric Characters (On / Off Selectable)
LENS MOUNT	C/CS Mount
POWER	24 VAC, 60 Hz or 12 VDC
POWER CONSUMPTION	5.0W
OPERATING TEMPERATURE	-14°F to 122°F (-10°C to 50°C)
WEIGHT	1.0 lb. (0.45 kg)
DIMENSIONS (WITHOUT LENS) (W x H x D)	2.4" x 2.2" x 5.3" 6.0 cm x 5.6 cm x 13.5 cm

*Specifications subject to change without notice*

