



PERFORMANCE YOU NEED
QUALITY YOU TRUST

VTC-C594DN

HI-RES DAY/NIGHT COLOR CCD CAMERA



FEATURES:

- ▶ 1/3" SONY EX-VIEW CCD WITH 420H TVL
- ▶ SURVEILLANCE IN TOTAL DARKNESS WITH IR ILLUMINATION
- ▶ ACCEPTS DC SERVO TYPE AUTO IRIS LENSES
- ▶ AUTO DETECTING BACKLIGHT COMPENSATION
- ▶ 24VAC LINE LOCK SYNC SYSTEM
- ▶ MAX 1/100000 SEC. ELECTRONIC SHUTTER & AES IRIS MODE
- ▶ BETTER THAN 48DB S/N RATIO
- ▶ DIMENSIONS 2.24" X 2.04" X 4.33" (H X W X L)

PRELIMINARY SPEC SHEET



Industrial Video Products, Inc.

"Quality Products At An Affordable Price"

Specifications

VTC-C594DN

Image device	1/3" interline transfer SONY Super HAD CCD
Signal system	NTSC standard
Picture Elements	NTSC: 537(H) x 505(V) STD
Scanning system	NTSC: 525 lines. 2:1 interlace
Sync system	DC 12V/AC 24V Line-lock
Horizontal resolution	420 TV lines
Minimum illumination	0.015 lux at F0.75 / 0 lux under Infra-red
Infra-red wavelength	illumination
Aperture correction	from 800nm to 1000nm
Gain	H aperture and V aperture
S/N ratio	Max. Gain 30dB; Super Gain 36 dB
Auto exposure system	Better than 48dB
AE CCD iris mode	4 modes selectable by Dip-switch
AE AES low mode	1/50 (1/60 sec.)- 1/100,000 sec.
AE Auto iris mode	1/120 (1/100 sec.)- 1/100,000 sec.
AE Auto iris + shutter speed mode	1/50 (1/60) sec.
AE level	1/50(1/60) - 1/10,000 sec.
Manual exposure system	Average, Peak selectable
Auto iris lens	Shutter: 1/50(1/60), 1/120 (100), 1/250, 1/500, 1/1,000, 1/2,000, 1/ 4,000,1/10,000 sec. /
ATW	Gain: 0,6,12,18dB
AWB	Accepts Video or DC servo iris lens
MWB	2500°K to 9500°K
FWB	Push To Lock and Conventional AWB
Gamma	R Gain, B Gain
Backlight compensation	indoor 3200°K , fluorescent1 4200°K, Fluorescent2 4700°K, outdoor 6300°K.
Video output signal	45 / 1
Y/C output (DC model only HR type)	Auto Detect On/off; Histogram plus windows
Lens mount	weight BLC
Operating temperature	Composite: 1 V p-p at 750load
Power source	Y: 1.0Vp-p / C: 0.3Vp-p at 750load
Power consumption	C & CS mount
Dimensions (W x H x D)	-10°C to 50°C
	AC 24V /DC 12V (Non-polarity)
	3.5W (DC type) / 5.5W (AC type)

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