



CS Mount Camera

540 TVL Digital Day/Night Camera

YCH-04

The YCH-04 1/3" Digital Day/Night camera combines 540 TVL color images during the day with high sensitivity B/W images at night. In the night mode, low light performance of 0.4 lux is achieved at F1.2/30IRE, making this camera the ideal 24-hour surveillance solution. A time saving Pro-Pak kit is available for outdoor installations, including camera and a selection of Day/Night compatible lenses pre-installed in a rugged outdoor housing.

Features:

- Day/Night feature provides color images during the day and B/W images at night
- Minimum illumination of 0.4 lux sensitivity at F1.2/30IRE
- 12VDC/24VAC auto-sensing dual voltage with line phase adjustment
- Advanced backlight compensation with highlight slicing
- Switchable On/Off Day/Night function
- Compatible with all **computar**® lenses (Day/Night series not required)
- UL listed



Available pre-installed in outdoor Pro-Pak Kits

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Side view



Rear panel view

Specifications

Models		YCH-04
Video signal system		NTSC
Video output		1.0 V (p-p) /75 Ω
Scanning system		2:1 interlace
Resolution (horizontal)		540 TVL
Minimum object illumination at F1.2	50 IRE	1.2 lux (D/N : OFF) / 0.8 lux (D/N : ON)
Minimum object illumination at F1.2	30 IRE	0.62 lux (D/N : OFF) / 0.4 lux (D/N : ON)
S/N ratio		50 dB or more
Gamma characteristics		0.45
Image sensor		1/3" CCD interline, complementary color mosaic filter
Effective pixel count	Horizontal	768
	Vertical	494
Scanning frequency	Int. sync mode	Horizontal 15.734kHz / Vertical: 59.94Hz
Sync modes		Line Lock / Internal
Iris control	DC	DC iris
	AES (sec)	Linear shutter (1/60 to 1/20000)
	Video	Vcc = DC 12 V, 50mA max. Sig. = 0.7 V(p-p) High impedance
Power		AC 24V \pm 10% (60Hz \pm 1 Hz) or DC 12 V \pm 10%
Maximum power consumption		4.5 W or less
Lens mount		CS mount (C mount with optional 5mm adapter)
Operating environment		14°F~122°F/ -10°C ~ +50°C, 85% RH or less (no condensation)
Storage environment		-4°F ~ 140°F/ -20°C ~ +60°C, 95% RH or less (no condensation)
External dimensions		2.4" x 2.1" x 4", 60mm x 54mm x 103mm (W x H x D)
Weight		0.5lbs/ 240g
Input/output terminals	Video output	BNC
	Auto-iris output	4-pin connector
	Power input	2-pin screwless terminal blocks
Switches	Iris control	DC / AES / VIDEO
	BLC	BLC / OFF
	Sync mode	NT. / L.L.
	FLC	FLC (fixed at 1/100 second) / OFF
	D-D/N	D D/N / OFF
Adjustments		Line Lock phase adjustment DC iris level adjustment (adjustable POT in DC iris mode only)

All specifications are subject to change without notice.