



YCH-03A

D I G I T A L D A Y / N I G H T C A M E R A



Digital Day/Night Series

F E A T U R E S

- Day/Night feature provides color images during the day and B/W images at night
- Minimum illumination of 0.4lux 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



Side panel view



Available pre-installed in outdoor ProPak kits

CAMERAS



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SPECIFICATIONS

VIDEO SIGNAL SYSTEM		NTSC
VIDEO OUTPUT		1.0 V(p-p)/75Ω
SCANNING SYSTEM		2:1 interlace
RESOLUTION (HORIZONTAL TV LINE)		540
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 ± 10% (60Hz ± 1 Hz) or DC 12 V ± 10%
MAXIMUM POWER CONSUMPTION		4.5 W or less
LENS MOUNT		CS mount (C mount with optional 5mm adapter)
OPERATING ENVIRONMENT		-10°C to +50°C/14°F to 122°F, 85% RH or less (no condensation)
STORAGE ENVIRONMENT		-20°C to +60°C/-4°F to 140°F, 95% RH or less (no condensation)
EXTERNAL DIMENSIONS		60 (W) x 54 (H) x 103.3 (D) mm
WEIGHT		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	INT. / 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)