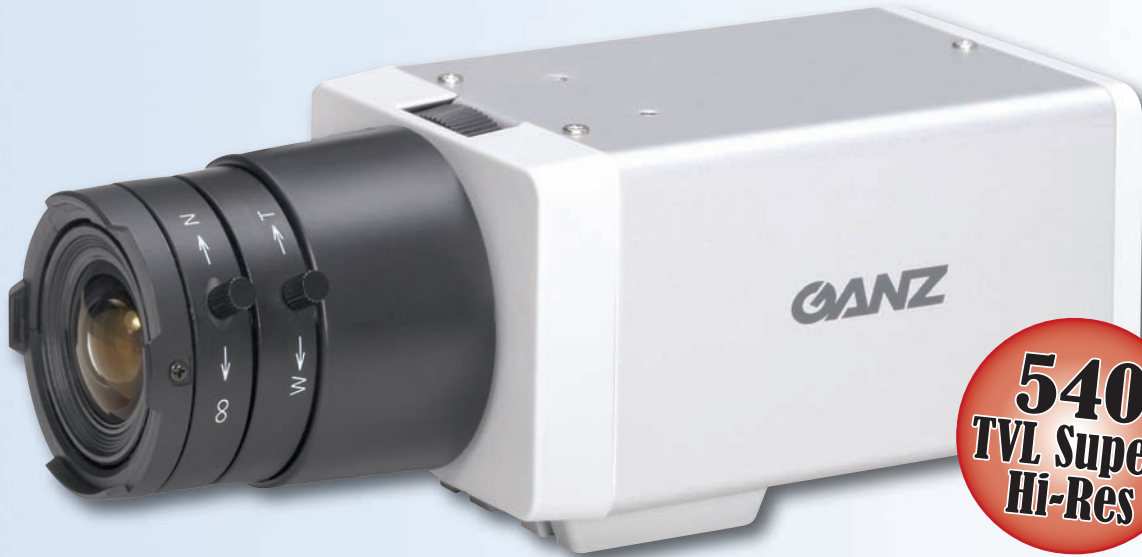




YCH-03A

SUPER HI-RES DIGITAL DAY/NIGHT CAMERA



**540
TVL Super
Hi-Res**

The YCH-03A 1/3" Digital Day/Night camera combines high resolution 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 solutions. For outdoor installations, a time saving Pro-Pak kit is available which includes the camera and a selection of Day/Night compatible lenses pre-installed in a rugged outdoor housing.



**Available pre-installed in
outdoor Pro-Pak kits**

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 0.4 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



CAMERAS



CBC (AMERICA) Corp.

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TEL: 1 (800) 422-6707 · (631) 864-9700 · FAX: (631) 543-5426
CALIFORNIA: 20521 EARL STREET · TORRANCE, CA 90503
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YCH-03A

SUPER HI-RES DIGITAL DAY/NIGHT CAMERA



Side Panel



Camera Back

SPECIFICATIONS

VIDEO SIGNAL SYSTEM		NTSC
VIDEO OUTPUT		1.0 V(p-p)/75Ω
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) (Vertical)	768 494
SCANNING FREQUENCY	(Int. sync mode)	Horizontal 15.734kHz / Vertical: 59.94Hz
SYNC MODES		Line Lock / Internal
IRIS CONTROL	DC AES (SEC) VIDEO	DC iris Linear shutter (1/60 to 1/20000) 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		14°F to 122°F/-10°C to +50°C, 85% RH or less (no condensation)
STORAGE ENVIRONMENT		-4°F to 140°F/-20°C to +60°C, 95% RH or less (no condensation)
EXTERNAL DIMENSIONS		2.36" (W) x 2.13" (H) x 4.07" (D) 60 (W) x 54 (H) x 103.3 (D) mm
WEIGHT		0.5lbs/ 240g
INPUT/OUTPUT TERMINALS	Video output Auto-iris output Power input	BNC 4-pin connector 2-pin screwless terminal blocks
SWITCHES	Iris control BLC Sync mode FLC D-D/N	DC / AES / VIDEO BLC / OFF INT. / L.L. FLC (fixed at 1/100 second) / OFF D D/N / OFF
ADJUSTMENTS		Line Lock phase adjustment DC iris level adjustment (adjustable POT in DC iris mode only)



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