



YC Day/Night Series

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 & B/W images at night
- Minimum illumination of 0.2 lux sensitivity at F1.2/30IRE (YC-02D)
- All cameras are "Made In Japan" with unsurpassed quality and reliability
- 12VDC / 24VAC auto-sensing dual voltage with line phase adjustment
- Advanced backlight compensation with "highlight slicing"
- Compatible with all computer lenses (day/night series not required)



Side panel view



Available pre-installed in outdoor ProPak kits

CAMERAS



CBC (AMERICA) Corp.

NY: 1-800-422-6707

CA: 1-800-888-0131

www.cbcamerica.com

MODELS

- YCH-02B** Hi-Res Digital Day/Night (480 lines)
- YC-02D** Standard Digital Day/Night (330 lines)

YC Day/Night Series

DIGITAL DAY/NIGHT CAMERA



SPECIFICATIONS

TYPE STANDARD	DIGITAL COLOR DAY/NIGHT	HI-RES DIGITAL COLOR DAY/NIGHT
MODELS	YC-02D	YCH-02B
RESOLUTION	330 LINES (HORIZONTAL)	480 LINES (HORIZONTAL)
TV SYSTEM	NTSC	NTSC
SYNCHRONIZATION SYSTEM	INTERNAL OR LINELOCK	INTERNAL OR LINELOCK
IMAGE SENSOR	1/3" CCD INTERLINE	1/3" CCD INTERLINE
EFFECTIVE ELEMENTS	510 (H) X 492 (V)	768 (H) X 494 (V)
IMAGE OUTPUT	1.0V p-p/75 ohms	1.0V p-p/75 ohms
S/N RATIO	More than 50dB	More than 50dB
MINIMUM ILLUMINATION	0.4 lux @ F1.2/ 50 IRE / 0.2 lux @ F1.2/ 30 IRE	0.8 lux @ F1.2/ 50 IRE / 0.4 lux @ F1.2/ 30 IRE
GAMMA CHARACTERISTICS	0.45	0.45
AUTO ELECTRONIC SHUTTER	1/60 fixed or 1/60 - 20,000 sec linear	1/60 fixed or 1/60 - 20,000 sec linear
BACKLIGHT COMPENSATION	On / Off with highlight slicing	On / Off with highlight slicing
LENS MOUNT	CS-Mount	CS Mount
IRIS CONTROL	Video iris: Power/12VDC, less than 50mA Video Signal 0.7Vp-p (high impedance) DC Iris: Shutter speed 1/60 sec fixed	Video iris: Power/12VDC, less than 50mA Video Signal 0.7Vp-p (high impedance) DC Iris: Shutter speed 1/60 sec fixed
INPUT & OUTPUT	Video output: BNC/ Power Input: 2 pin terminal	Video output: BNC/ Power Input: 2 pin terminal
ADJUSTMENTS	Linelock phase adjustment; DC iris level adjustment	Linelock phase adjustment; DC iris level adjustment
POWER SUPPLY	24VAC+ 10% (60Hz + 1%) or DC12V + 10%	24VAC+ 10% (60Hz + 1%) or DC12V + 10%
POWER CONSUMPTION	3.5W or less	3.5W or less
OPERATING TEMPERATURE	-10' - + 50' C/ 14' F to 122' F, 85% RH or less	-10' - + 50' C/ 14' F to 122' F, 85% RH or less
AMBIENT HUMIDITY	RH85% or less (no condensation)	RH85% or less (no condensation)
EXTERNAL DIMENSIONS	60mm (W) x 54mm (H) x 103.3mm (D) 2.36" (W) x 2.13" (H) x 4.07" (D)	60mm (W) x 54mm (H) x 103.3mm (D) 2.36" (W) x 2.13" (H) x 4.07" (D)
WEIGHT	300g/ 11 ounces	300g/ 11 ounces