



Specialty Cameras

Day/Night Cameras with MIST Image Correction Technology

THRU Vision Series

CBC's THRU Vision Series cameras are engineered to sharpen and increase visibility in conditions where fog, haze, smog, sand or rain impede outdoor video surveillance. The real-time "MIST" technology focuses through obstacles present in the atmosphere that can obstruct or deteriorate video image quality. The camera's Dynamic Range Control (DRC) function detects and measures image intensity on the screen. By digitally adjusting color and contrast, poor quality images caused by environmental factors are automatically corrected. Ideal applications include mission-critical perimeter surveillance, port, harbor and airport security applications.

Features:

- MIST Automatic Image Correction Technology
- Digital and True Day/Night Models
- 540 TVL
- Low light sensitivity of 0.015 lux @ F1.2 (True D/N)
- 24VAC/12VDC auto-sensing dual voltage
- Can be used with all **computar**® C or CS mount lenses
- UL Listed



For extreme long distance surveillance, cameras can be paired with THRU Vision 60x zoom lens (25-1500mm w/extender).

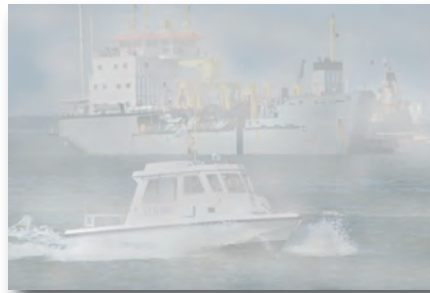
Day/Night Cameras with MIST Image Correction Technology

Heavy Rain



With MIST Image Correction

Thick Fog



With MIST Image Correction

Snow Storm



With MIST Image Correction

images above for illustration purposes only.

Specifications

Models		YCH-03Am (Digital Day/Night)	ZC-NH258Nm (True Day/Night)
Video Signal System		NTSC	
Image sensor / Effective Pixels		1/3"-Type Interline transfer CCD / 768 (H) x 494 (V)	
Video output / Scanning System		1.0V p-p, 75Ω / 2:1 interlace	
Resolution		540 TVL	
Minimum Illumination at F1.2	50 IRE	0.6 lux (D D/N: OFF) / 0.4 lux (D/DN: ON)	0.03 lux (Night mode, B/W)
	30 IRE	0.3 lux (D D/N: OFF) / 0.2 lux (D/DN: ON)	0.015 lux (Night mode, B/W) / 0.00 lux with IR
SN Ratio		More than 50 dB (at minimum AGC gain)	
Iris Control		DC / AES / Video	
Power		AC 24V ± 10%, 60 ± 1Hz, DC 12V ± 10%	
Power Consumption	DC 12V	4.5W	
	AC 24V	4.5W / 330 mA	
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)	
External Dimensions (W x H x D)		2.4" x 2.1" x 4" / 60mm x 54mm x 103mm	
Weight		0.6 lbs. (250g)	
Switches	MIST	ON/OFF, AUTO/STD, HI/STD	
	DRC	HI / STD	
	Iris	DC / AES / VIDEO	
	BLC	BLC ON / OFF	
	D/N	Digital D/N ON / OFF	-
Adjustments		DC Iris level adjustment	

All specifications are subject to change without notice