

Compact Low-light Bullet Cameras



**National
Electronics**

This series of Bullet camera incorporates a camera, lens and a built-in multi LED infrared illuminator. This integrated package is enclosed in a rugged all aluminum enclosure which is rated for a wide range of environmental conditions, including underwater up to a depth of 50 feet.

The built-in infrared illuminator provides sharp images under virtually zero light conditions. Its adjustable mounting bracket is designed for quick and easy installation.

These small and compact cameras are ideal for any covert surveillance system or any applications requiring superior performance under low light conditions.

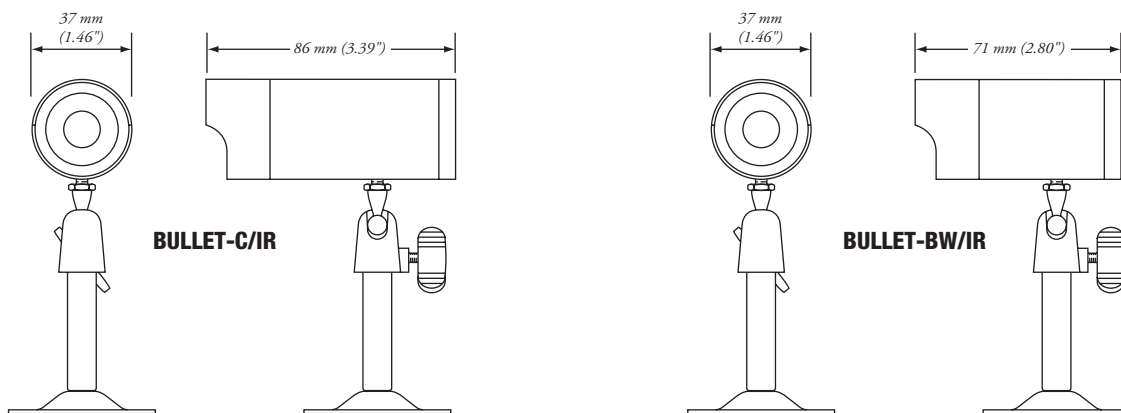
Features

- *Integrated enclosure with camera, lens and infrared illuminator*
- *Rugged weatherproof all aluminum construction*
- *Rated for underwater use up to 50 ft*
- *B&W 1/3" CCD with 420 lines*
- *Colour 1/3" CCD with 380 lines*
- *3.6 mm lens*
- *Electronic iris operation*
- *12 VDC power (built-in polarity protection)*
- *Adjustable camera mount*
- *6 ft. cable for video/power connection*
- *1 year warranty*

BULLET-C/IR
BULLET-BW/IR

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Technical Specifications



	BULLET-C/IR	BULLET-BW/IR
IMAGER	1/3" Colour CCD	1/3" B/W CCD
HORIZONTAL RESOLUTION	380 TV lines	420 TV lines
PICTURE ELEMENT (PIXELS)	500 H x 582 V NTSC	542 H x 492 V EIA
MIN. ILLUMINATION0 Lux up to 20 ft.	.0 Lux up to 20 ft.
SYNCHRONIZING SYSTEM	Internal	Internal
SCANNING SYSTEM	2:1 Interlaced	2:1 Interlaced
VIDEO OUTPUT1 Vp-p 75 ohm composite	.1 Vp-p 75 ohm composite
SMEAR EFFECT0005%	
S/N RATIO (AGC OFF)	More than 50 dB	More than 50 dB
ELECTRONIC IRIS (AUTO)	1/50, 1/60 - 1/100,000 sec.	1/50, 1/60 - 1/100,000 sec.
GAMMA CORRECTION	r = 0.45 - 1.0	r = 0.45
WHITE BALANCE	Auto 2800°K - 8200°K	N/A
GAIN CONTROL	Auto 4 dB - 30 dB	Automatic
LENS MOUNT	Standard 3.6 mm	Standard 3.6 mm
MTBF	80,000 hours	80,000 hours
POWER SOURCE	DC12 V (Tolerance: 9 V-15 V)	DC12 V (Tolerance: 9 V-15 V)
OPERATING CURRENT	190 mA w/regulated power in	150 mA w/regulated power in
WEIGHT (APPROX G)	1060 including bracket	980 including bracket
CABLE LENGTH (VIDEO/POWER)	1.8 m	1.8 m
VIDEO CONNECTOR	RCA Female	RCA Female
POWER CONNECTOR	Barrel Type, Male	Barrel Type, Male

Related Components

Colour Cameras

- High Performance Monitors
- NL2099" Colour
- NL214C14" Colour
- NL22121" Colour
- NE-LCD1515" LCD
- NE-LCD1717" LCD
- NE-LCD2020" LCD

- Switchers
- NLS4LA4 camera sequential switcher

B&W Cameras

- High Performance Monitors
- M9109" B&W
- M121012" B&W
- M141014" B&W
- M171017" B&W
- M201020" B&W

- Switchers and Quads
- NLMQ44 camera B&W real-time quad
- NLS4LA4 camera sequential switcher

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