

# NVERT Camera / Illuminator

## NVERT



NVERT is a proprietary design by Senspex, Inc™ Patent Pending

### Key Features

- Low light CCD camera mated with an active NIR illuminator with spectral output invisible to night-vision intensifiers
- Non-laser light source
- Compact and powerful illumination up to 120 feet
- High performance extended NIR camera system including infrared aspheric lens and day/night filter
- Operating temperature range from -58°F to +140°F
- User selectable ON/OFF control of illuminator by remote or internal photocell circuitry
- Optional Lexan front cover to protect system from simunitions

## Security/Surveillance

### Product Applications

- MOUT sites
- Troop range sites
- Night-time surveillance
- Zero-lux environments
- Commercial sites
- Transportation hubs
- Industrial parks

### Specifications

#### ILLUMINATOR

Light Source	High density 240 element LED array		
Center Wavelength	975 nm		
Total Optical Output	4 W		
Angular Range	Spot Setting	Flood Setting	
	15	120	Degrees
Linear Range	120	70	Feet
Remote Control	TTL or Low Voltage Relay input & output Optional photo-sensor switch		

#### CAMERA

Image Sensor	1/3" XHAD CCD
Resolution	550 TVL color / 570 TVL mono
Effective Pixels	NTSC: 768 (H) x 494 (V)
Sensitivity	0.02 Lux Day / 0.003 Lux Night
S/N Ratio	Greater than 50 dB

#### Electrical

Supply	24 VDC 2.5 A / 24 VAC 85 VA
Power Consumption	40W nominal, 60W max
Aux Power Output	12 VDC 750 mA

#### Mechanical

Dimensions	2.7"(H) x 4.3"(W) x 4.9"(L)
Weight	2.5 lbs
Mounting	1/4-20 sockets, adjustable & multi axis

Manufactured in the USA

Note: Manufacturer reserves the right to change specifications to reflect the latest changes in technology and improvements at any time without notice.

### Contact Information:

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