

TR3000N Series

Ultimate in Night Vision Security

With its state-of-the-art 320x240 uncooled microbolometer detector and pressurized enclosure, the TR3000 Series of Uncooled Thermal Infrared Night Vision camera is the ultimate night vision security product. TR3000 is designed for long-range surveillance in total darkness and extreme conditions. Model TR3000N is an improved version of Cantronic's Model TR3000 basic camera—offering an improved NETD spec and smaller detector pitch.



Picture shown with Optional Mounting Bracket

Outstanding Features

- Pressurized housing for harsh environment
- Germanium infrared window to filter unwanted light/radiation
- Automatic adjustment of contrast and brightness
- RS-232C camera control for contrast, brightness, frame freeze, polarity and motorized lens focus adjustment
- Long operating life with no cooler required

Standard Parts & Accessories

- Model TR3000N Camera with specific lens installed
- Cantronic IR-Control Software
- Mating connector for camera connection
- TR3000 Optional Sun Shroud



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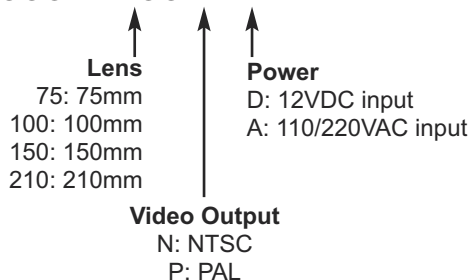
Specifications

Model	TR3000N-75	TR3000N-100	TR3000N-150	TR3000N-210
Focal Length	75mm	100mm	150mm	210mm
Field of View	5.7° x 4.3°	4.3° x 3.2°	2.9° x 2.2°	2.1° x 1.5°
Focus Method	Motorized	Motorized	Motorized	Motorized
Detector Type	320(H) x 240(V) Uncooled Microbolometer			
Electronic Zoom	2X / 4X			
Wavelength	8 μm to 14μm			
NETD	<75mK (F/1.0)			
Video Output	NTSC/PAL			
Camera Control	RS-232C			
Operating Temperature	-40°C to 50°C (-40°F to 122°F)			
Storage Temperature	-20°C to 85°C (-4°F to 185°F)			
Power Input	110VAC or 220VAC			
Camera Base Mounting	Mounting Dimension 120 x 100mmw/ 4x M8 Screws			
Enclosure Dimension	194mm x 167mm x 360mm			
Camera Weight (approx.)	7.5 kg (16.5 lbs)		8.5 kg (18.7 lbs)	

Detection range is approximate. Performance may vary depending on actual environments.
NTSC or PAL video format needs to be specified at the time of ordering.

How to Order

TR3000N- 100 N D



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