



NESS LONGREACH

EXTREME LONG RANGE IR CAMERAS

The Ness Longreach Extreme Long Range IR camera series marries ultra long range IR illumination with the highest quality true colour camera technology - all housed industrial strength cast alloy housings. Truly an awesome match!



Part No. 104-261 7.5~50mm

LONGREACH 120m

- Extreme Long Range IR LEDs
- True Colour
- 540 Line High Resolution Camera
- Day / Night Operation
- High Power IR Illumination
- 120m Illuminator Range
- 7.5 ~ 50mm Varifocal Lens
- Heavy Duty Housing with Heater & Fan
- Full Cable Management thru Bracket
- 24VAC Operation

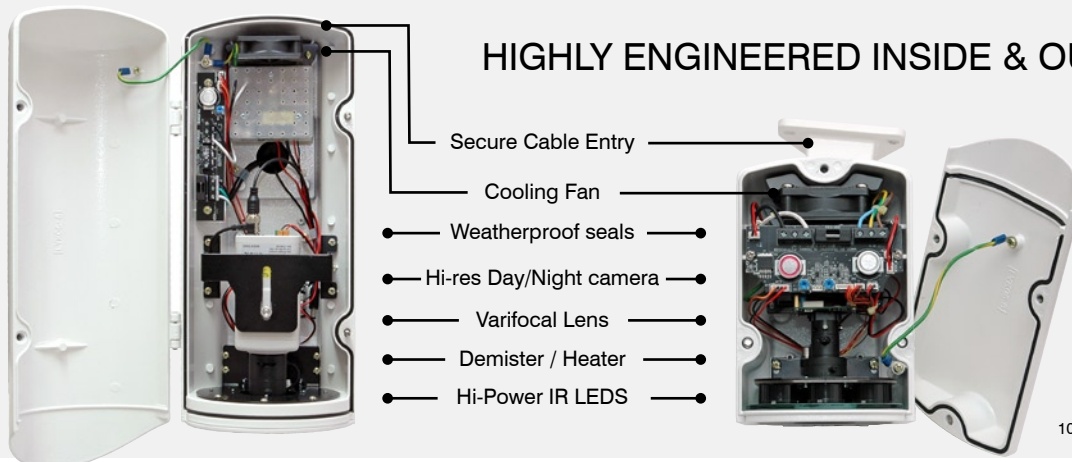


Part No. 104-260 3.8~9.5mm
Part No. 104-275 9~22mm

LONGREACH 60m

- Extreme Long Range IR LEDs
- True Colour
- 540 Line High Resolution Camera
- Day / Night Operation
- High Power IR Illumination
- 60m Illuminator Range
- 3.8~9.5mm or 9~22mm Varifocal Lens
- Heavy Duty Housing with Heater & Fan
- Full Cable Management thru Bracket
- 24VAC Operation

HIGHLY ENGINEERED INSIDE & OUT



- Secure Cable Entry
- Cooling Fan
- Weatherproof seals
- Hi-res Day/Night camera
- Varifocal Lens
- Demister / Heater
- Hi-Power IR LEDS

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SPECIFICATIONS		104-261	104-260 / 104-275	
CAMERA	IMAGING DEVICE	SONY 1/3" interline transfer Super HAD CCD		
	PICTURE ELEMENTS	752(H) x 582(V)	795(H) x 596(V)	
	SCANNING SYSTEM	625 lines. 2:1 interlace		
	LENS	7.5 ~ 50mm Varifocal ED-IR Lens	3.8~9.5mm / 9~22mm Varifocal	
	HORIZONTAL RESOLUTION	540 TV lines		
	SENSITIVITY	Colour mode	0.1 lux @ F1.2 (30 IRE,AGC on)	
		B/W mode	0.001lux at F1.2 (AGC on, Sense Up on)	
		IR mode	0 lux under infrared illumination	
	INFRARED WAVELENGTH	780 to 1100nm		
	S/N RATIO	Better than 50dB		
	ELECTRONIC SHUTTER	1/50 -1/100,000 sec.		
	WHITE BALANCE CONTROL	ATW (2500°K-9000°K) / AWB		
	DIGITAL NOISE REDUCTION	Automatic		
	D/N OLPF SWITCH DELAY TIME	5 ~ 8 sec		
	COLOR/MONO SWITCHING	Chain reaction with D/N filter	Auto	
	GAMMA CORRECTION	0.45		
	AE/ALC	AE/ALC(1/50)		
	AGC	ON (36dB) / OFF	Auto 36dB	
	IR ACCURACY	No focus shift in the night time		
	BLC	ON /OFF		
DAY/NIGHT CONTROL	Auto /OFF	Auto		
SENSE UP FRAME INTEGRATION	ON (4X) /OFF			
VIDEO OUTPUT SIGNAL	Composite 1.0 V p-p @ 75ohm load			
AUTO IRIS LENS TYPE	DC servo Auto Iris lens	Inbuilt		
INFRA-RED	IR RANGE (MAXIMUM)	120m*	60m*	
	IR LED QTY / ANGLE	11 high power units / 25°	6 high power units / 45°	
	IR LED CONTROL	Auto light sensor		
ENVIRONMENTAL	HEATER CONTROL	18°C on / 28°C off		
	FAN CONTROL	35°C on / 25°C off		
	CONSTRUCTION	Die cast aluminium alloy		
	BRACKET SUPPLIED	Full cable management		
	TEMPERED GLASS THICKNESS	4mm		
	HOUSING WEATHER RATING	IP66		
	OPERATING TEMPERATURE	-10°C to +50°C		
	DIMENSIONS (H x W x L)	165 x 160 x 425mm	115 x 120 x 215mm	
	WEIGHT	3.5kg	2.1kg	
POWER	POWER SOURCE	24VAC non-polarity		
	POWER CONSUMPTION	18W	11W	
	RECOMMENDED POWER SUPPLY PER CAMERA	24VAC 2A	24VAC 1.5A	

* Range is maximum usable. To achieve long range, the IR output is focussed in a narrow beam. Objects close to the camera may be highly illuminated and over-exposed. For best performance at night the camera MUST be setup and adjusted under actual night conditions.

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