

BM185LT-IR

MINI CYLINDRICAL CAMERA W/ IR ILLUMINATION



KEY FEATURES

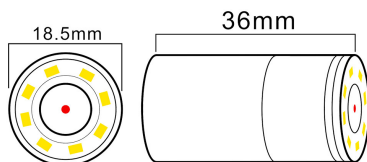
- High quality video output
- Low power demand
- Good SNR
- High brightness infrared LED illumination
- Day/night auto switch mode
- Ultra compact size
- Cost effective
- IP67 rated, ideal for outdoor applications

The BM185LT-IR is a compact cylindrical camera ideally suited for micro-machine, underwater monitoring, pipe inspection, harsh environment monitoring, anti-terrorism, rescue, evidence taking, medical equipment, police, military, security and other fields.

Its low power CMOS sensor, compact size and rugged package provide high stability and long working life. Bright infrared LEDs allow for covert imaging with excellent image quality in dark environments up to 5m in distance. With an IP68 rating, the BM185LT-IR is ideally suited to harsh environment applications.



The BM185LT-IR is available with 0.5m breakout cable, with LED intensity control.



DESCRIPTION	BM185LT-IR COLOUR CAMERA
Image Sensor	1/3" Sony CMOS colour sensor, 656 (H) x 492 (V)
Video Output	CVBS, 1.0Vp-p Composite, 75 Ω, NTSC, 30 frames/sec.
Output Resolution	> 650 TV Lines
Minimum Illumination	0.001 Lux at F1.2
Lens	2.4mm, F1.2
Angle of View	90°H x 74°V
LED Output	940nm (NIR), ~ 17,600 mcd
LED Control	Continuous / intensity control with manual potentiometre
S/N Ratio	65dB
Shutter Speed	1/30 ~ 1/50,000 sec.
D/N Mode, White Balance, AGC	Automatic
Power / Operating Current	5~12VDC regulated, 35mA (LED off), ~100mA (LED on)
Operating Temperature	-40°C to +60°C (-40°F to 140°F) @ 90% relative humidity
Dimensions (mm)	Ø18.5mm x 36mm (L), 48mm (L) with thread mount
Weight	approx. 28 grams
Environmental Rating	IP68
Cable Length	0.5m to breakout (power input, BNC video output, LED intensity control)
Direct Wire Output	Pin1: DC 5V, red wire Pin 2: GND, black wire Pin 3: Video output, yellow wire

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