

BM-242M SERIES RUGGED CYLINDRICAL INSPECTION CAMERAS



KEY FEATURES

- High quality HD video output
- Low power demand
- Good SNR
- High brightness white LED illumination
- Low light sensitivity
- Compact size
- 304 Stainless steel casing
- IP67 rated, ideal for outdoor or harsh environment applications

The BM-242M series cameras are compact cylindrical cameras ideally suited for machining monitoring, underwater and aerial imaging, pipe inspection, harsh environment monitoring, search and rescue, medical equipment, and other challenging applications.

The low power CMOS sensor, compact size and rugged package provide high stability and long working life. Bright white LEDs allow for low ambient light imaging with excellent image quality, up to 5m in distance. High quality stainless steel casings provide excellent protection against elements and allow for easy cleaning. With an IP68 rating, the BM-242M series is ideally suited to wet and harsh environment applications.

BM-242M models are available with standard cable lengths of 0.5m, 2m, 5m, 10m and 20m. Non-standard cable lengths up to 20m can be easily accommodated. Longer cable lengths are available as a custom request. Backend breakout cables are available in different configurations that include discrete power input, video output and LED on/off control, or through a multi-pin connector. Please contact Bock Optronics for more information.



DESCRIPTION	BM-242M-90	BM-242M-160
Image Sensor	1/2.7" Sony CMOS colour sensor, 1920 (H) x 1080 (V)	
HD Video Output	TVI / AHD / CVI, 1080p @ 30 fps	
CVBS Video Output	1.0Vp-p Composite, 75 Ω, NTSC, 30 frames/sec., >750 TV lines	
Minimum Illumination	0.001 Lux at F1.2	
Angle of View (H)	90°	160°
LED Output	9 x high brightness white LED	
LED Control	ON / OFF	
S/N Ratio	65dB	
Shutter Speed	1/30 ~ 1/50,000 sec.	
D/N Mode, WB, AGC	Automatic	
Power and Operating Current	5~12VDC regulated, 50mA @ 12V (LED off), >100mA @ 12V (LED on)	
Operating Temperature	-20°C to +60°C (-4°F to 140°F) @ 90% relative humidity	
Dimensions	Ø24mm x 63.5mm (L)	Ø24mm x 53mm (L)
Weight	approx. 120 grams	approx. 137 grams
Environmental Rating	IP68	
Cable Length	- Standard lengths: 0.5m / 2m / 5m / 10m / 20m - Custom lengths available upon request - Breakout interface cable option: 135mm (power input, BNC video output, LED intensity control)	
Direct Wire Output	Available upon request	

DIMENSIONS:

