

# BM-192M SERIES RUGGED CYLINDRICAL INSPECTION CAMERA



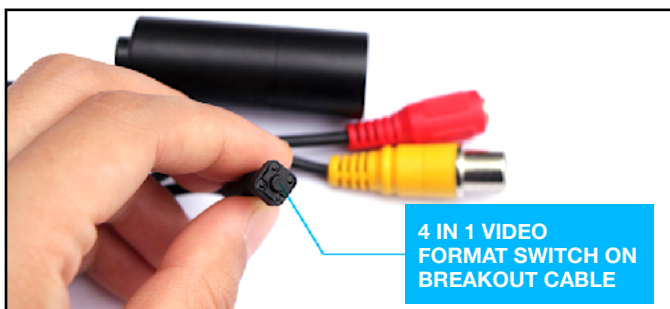
The BM-192M series cameras are compact cylindrical cameras ideally suited for machining monitoring, UAV/UGV, aerial imaging, pipe inspection, harsh environment monitoring, search and rescue, medical equipment, and other challenging applications.

The low power CMOS sensor, compact size and rugged package provide high stability and long working life. The high definition 2MP sensor offers full HD video output in three selectable video formats, as well as standard definition video. The wide angle, standard 3.6mm focal length lens can be interchanged with other focal length M12 lenses allowing for greater field of view options.\*\*

High quality aluminum casing provides excellent protection against elements and allow for easy cleaning. With an IP68 rating, the BM-192M series is ideally suited to wet and harsh environment applications. The ¼"-20 thread mount at the rear of the camera allows for easy mounting to tripods or other articulated support devices.

BM-192M models are available with standard cable lengths of 0.5m, 2m, 5m, 10m and 20m. Non-standard cable lengths up to 20m can be accommodated. Longer cable lengths are available as a custom request. Please contact Bock Optronics for more information.

\*\* Focal length options available as will fit in the environmental case. Contact Bock Optronics for more details and lens options.



**4 IN 1 VIDEO  
FORMAT SWITCH ON  
BREAKOUT CABLE**

## KEY FEATURES

- High quality HD (2MP) video output
- Selectable video formats
- Wide power input range
- Low power demand
- Good SNR
- Low light sensitivity
- Compact size
- IP67 rated, ideal for outdoor or harsh environment applications

DESCRIPTION	BM-192M-90
Image Sensor	1/2.5" Sony STARVIS 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
Lens Mount	M12 (S-mount)
Lens Focal Length	3.6mm (standard, other focal lengths available)
Angle of View (H)	90° (with 3.6mm lens)
S/N Ratio	65dB
Shutter Speed	1/30 ~ 1/50,000 sec.
D/N Mode, WB, AGC	Automatic
Operating Power/Current	5~12VDC regulated / 50mA @ 12VDC
Operating Temperature	-30°C to +60°C (-22°F to 140°F) @ 90% R.H.
Dimensions	Ø20.5mm x 54mm (L)
Weight	approx. 30 grams
Mounting	¼" - 20 thread mount
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

\* Due to the ongoing improvements in design technology and manufacturing, specifications are subject to change without notice.

## DIMENSIONS:

