

INCAM-536L IP68 COMPACT PAN/TILT INSPECTION CAMERAS



KEY FEATURES

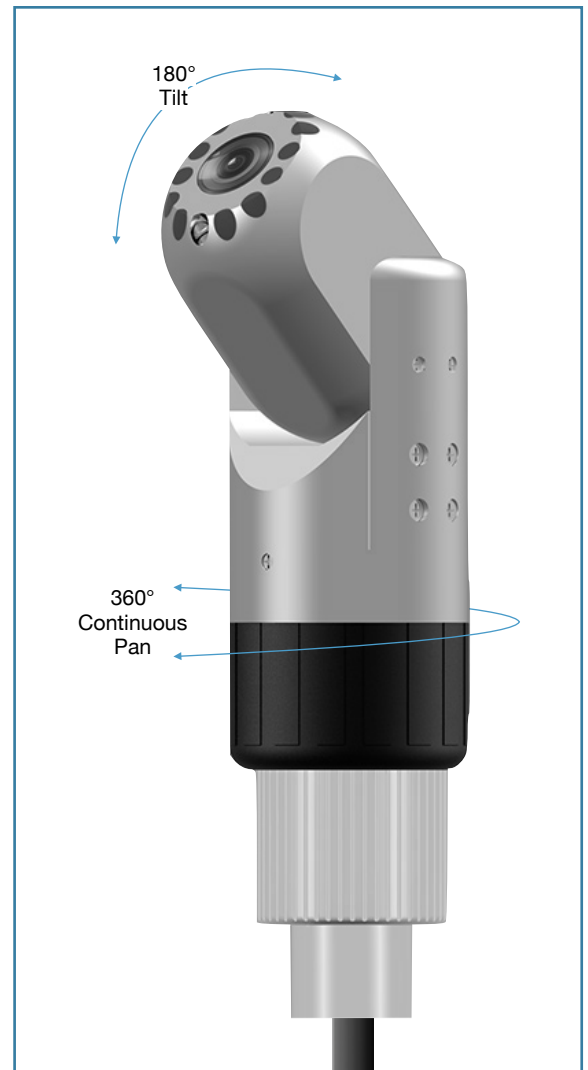
- 5MP high resolution video
- 2560(H) x 1944(V) Analog HD format video
- 160° Wide angle view
- Integrated white LED illumination
- Viewing up to 10m in dark environments
- IP68, 304 Stainless steel construction
- Compact size and weight
- Custom cable lengths up to 100m
- Controllable through optional field monitor / recorder or with in-line controller

The INCAM-536L is a compact pan/tilt inspection camera designed for use in a variety of industry sectors such as water or sewer inspection, mining, nuclear and other power generation environments, oil / gas / petrochemical, marine, emergency response / disaster relief, and more.

Stainless steel construction and IP68 rating make the INCAM-536L well suited to wet, dry and harsh environments. Its compact, light weight and robust design allow it to be pole mounted, integrated with UGVs, robots, vehicles and other equipment; making the INCAM-536L ideal for confined spaces, voids, unstable structures and beyond. For pole mounted options, please contact Bock Optronics for more information.

The wide angle of view, and high resolution allows for quick assessment of the environment. Integrated white LED lighting allows for bright imaging in dark spaces. With 360° pan and 180° tilt capability the INCAM-536L provides convenient viewing within a space with minimal movement.

Offering long cable lengths back to an optional high resolution field monitor/recorder/controller, other user designed interfaces, or configured for use with wireless transmission devices, the INCAM-536L can be utilized in a variety of applications where a user cannot easily access and view a space personally and safely.



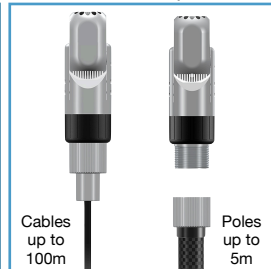
4K HD Sensor



IP68 Rated



Cable and Pole Options



INCAM-536L SPECIFICATIONS	
Sensor	Sony CMOS, 5MP 2560 (H) x 1944 (V) pixels
Video Format	AHD (analog high definition)
Lens	3.6mm, F1.2
Angle of View	160° (H) x 120° (V)
Focus	Auto
Illumination	Integrated LED, white, 12 pieces, up to 10m in complete darkness, adjustable intensity with MRC-100 monitor
Minimum Illumination	0.001 Lux @ F1.2
Pan / Tilt Movement	360° (H) Continuous / 180° (V)
Input Voltage / Current	DC 12V, ~ 390mA
Power Consumption	Max. 4.8W @ DC 12V
Dimensions	Ø39mm x 143mm (L)
Weight	674 g
Case Material	304 Stainless Steel
Environmental Rating	IP68
Operating Temperature	-10°C ~ +50°C (+14°F ~ +122°F)
Operating Humidity	20% ~ 100% RH

* Due to the ongoing updates and improvements, specifications are subject to change without notice.

AHD camera technology offers outstanding advantages over other video formats such as:

- extended transmission distances over coaxial cable
- no video delay due to compression and decompression of video
- compatibility with other recorder & camera standards
- improved processing speed of graphics chip on camera and recorder platforms
- provides more flexible camera control
- high resolution (advanced signal filtering, 3D noise reduction, higher image resolution, better image reproduction)

POLE MOUNTING OPTIONS

The INCAM-536L can be mounted to a selection of poles, for operator positioning into spatially restrictive, overhead or submergible environments. Carbon fibre and fibre glass poles in 2m and 5m lengths are available with on-pole camera pan/tilt controls, or combined with the MRC-1000 field monitor. For more information or possible customizations, please contact Bock Optronics.

MRC-100 FIELD MONITOR / RECORDER

- 10.1" Touch screen display
- AHD input and recording up to 4K (3840 x 2160 @ 30fps)
- CVBS input and recording support
- Up to 4K video HDMI video output
- Integrated camera LED intensity control
- Integrated camera pan/tilt control
- H.265 video compression
- Supports SD/TF cards up to 256GB
- Swappable rechargeable battery (LiON)
- Integrated WiFi for
- IP65 rated design



The MRC-100 is an 10" touchscreen monitor option to view and record live video feeds and capture still images, up to 4K resolution. It offers WiFi wireless transmission to mobile devices (laptops, tablets and smartphones), allowing for simultaneous team viewing and decision making.

Large SD/TF card storage capacities provide up to eight hours of on-board recording time. Integrated and swappable rechargeable LiON batteries make for a compact and long life tool in the field.

INCAM-536L camera function control is integrated into the MRC-100, eliminating the need of external controllers or PCs. Pan/tilt, LED intensity, auto focus, digital zoom functions are accessed through the touch screen monitor or side push button controls. The camera is also powered directly from the monitor. A robust connection at the bottom of the monitor provides a secure and simple cabled solution.

Intuitive controls, durable and compact design make this system ideal for a multitude of applications where high quality video needs to be viewed, recorded, and streamed.

For more details, please reference the MRC-100 data sheet.