



CBC (AMERICA) Corp. introduces a compact marine-grade thermal imaging camera offering high contrast, real-time thermal video at an affordable price. Using a microbolometer detector with a germanium lens, the video image is displayed from an interpolated heat signature emitted from people, vessels, structures, etc. Ideal applications include man over-board searches, nighttime navigation, on board security and short range threat detection.

- 320 x 240 pixels
- Designed for harsh marine environments
- 8mm lens standard with 50° HFOV (other lens options available)
- OSD menu control including colorizing option
- Flush mount remote control
- Rugged aluminum housing (IP66) with feed-through bracket suitable for all weather conditions

## Thermal Imaging

Marine-Grade Thermal Imaging Camera

# HMB-TL8

Detector	Uncooled Microbolometer
Wavelength	8 - 14 $\mu\text{m}$
Array Format (H x V)	320x240 Pixels
Pixel Size (H x V)	23.5 $\mu\text{m}$ x 23.5 $\mu\text{m}$
NETD	< 75mk (L Range ° F/1° 60Hz)
Dynamic Range	L Range : 150° (Typ. F/1) H Range : 540° (Typ. F/1)
Video Output	NTSC
Digital Output	ITU-R.BT656 Video Data or RAW Data
Serial Interface	RS-232C
Input Voltage	5 To 15VDC
Power Consumption	< 5w (25° C)
Size (without bracket)	3.8" (Ø) x 10.9" (L)
Functions	Contrast : Auto or Manual Brightness : Auto or Manual Polarity : White-Hot or Black-Hot Digital Zoom : x2 or x4 FPN Correction (NUC) : Auto or Manual
Manual	Dynamic Range Select (L/H/Auto) Control : RS-232C
Lens	8.2mm (50° HFOV standard) (other options available)

*All specifications are subject to change without notice.*



Remote Control Panel