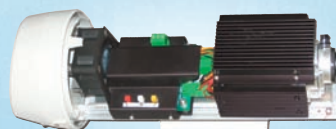




CBC (AMERICA) Corp. introduces a compact thermal imaging camera offering high contrast, real-time thermal video at an affordable price. Using a microbolometer detector with a germanium lens, the video image is displayed from an interpolated heat signature emitted from people, vehicles, structures, electrical and mechanical components, etc. Ideal applications include perimeter surveillance, search and rescue, marine and port security, border patrol, electrical inspection, moisture detection and energy conservation.



Inside View

Thermal Imaging

Microbolometer Thermal Imaging Camera

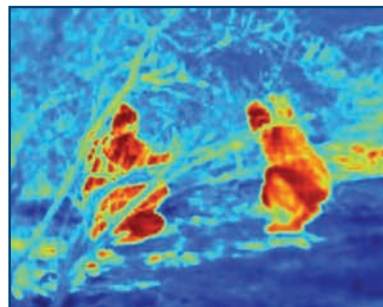
TL Series

Detector	Uncooled Microbolometer
Wavelength	8 ~14 μm
Array Format (H x V)	320 x 240 Pixels
Pixel Size (H x V)	23.5 μm x 23.5 μm
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	24VAC
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 Dynamic Range Select (L/H/Auto) Control : RS-232C
Lens Options	8.2mm (50° HFOV standard) 16mm (25° HFOV standard)

All specifications are subject to change without notice.



Standard image



Colorized image adjustable
through OSD menu