



# FLIR® Boson® Digital LVDS Output Board

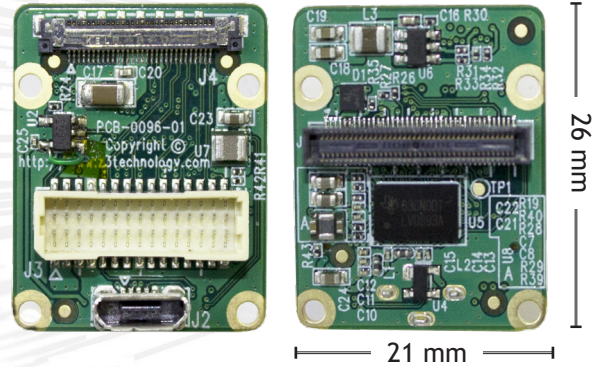
*Designed for your IR Monitoring Needs*

**CIB-BOS-01**

- Attaches to the FLIR® Boson® Camera Body
- LVDS Digital Video Output
- Direct Connection to Z3 Technology's Encoders

The CIB-BOS-01 is designed to receive digital or LVDS video output from FLIR® Boson® cameras for thermal inspection, surveillance, industrial and UAV applications. The FlexIO™ connector system or KEL allows for a single, convenient connection to send power and camera controls from the encoder to the camera, creating a complete solution to stream and record IR video.

The USB 2.0 jack on the CIB-BOS-01 board provides a power option to the camera when connecting to a computer via USB for offline configuration using standard FLIR® Boson® tool.



## Technical

Camera Supported	FLIR® Boson®
Video Output	•LVDS Digital
Interfaces	<ul style="list-style-type: none"> <li>•KEL cable connection for video, power and camera control when connecting to the Q603 Encoder</li> <li>•FlexIO™ connector with video, power and serial control when connecting to the FV2K, FSDI, and FV4K Encoder</li> <li>•USB 2.0 for a Power option and offline configuration</li> </ul>
Features	<ul style="list-style-type: none"> <li>•Attaches directly to the FLIR® Boson® camera</li> <li>•One cable connection for power, video and control</li> <li>•Single direct connection from camera to Z3 supported encoders</li> </ul>

## Specifications

Encoder Board Size	21 x 13 x 26 mm (0.83 x 0.51 x 1.02 in)
Encoder Board Weight	2.83g (0.1oz)
Temperature Range	-40° C to 80° C

## ORDERING OPTIONS

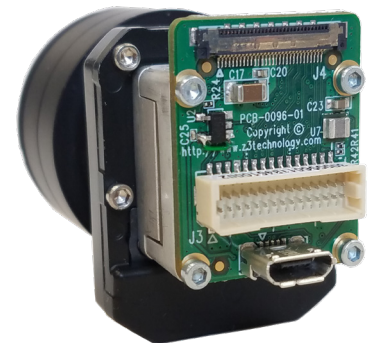
### CIB-BOS-01

- Camera Interface Board for FLIR® Boson®
- Documentation

*Note: FLIR® Boson® sold separately\**

## APPLICATIONS

- Inspection
- Security and Surveillance
- Industrial
- UAV and Drones
- Customized Applications\*



FLIR® Boson® connected to CIB-BOS-01

**\*Contact Z3 Technology for Customized Product Options**

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