



FLIR® Boson® Digital LVDS Output Board

Designed for your IR Monitoring Needs

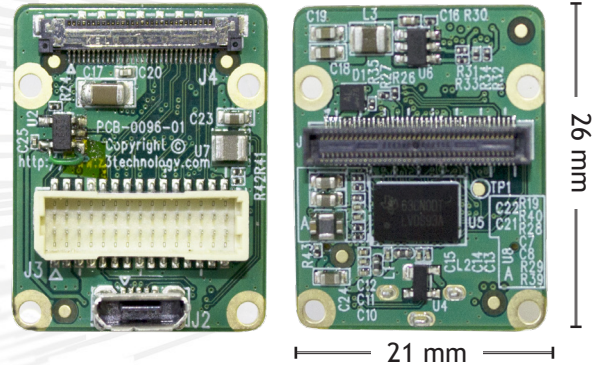
CIB-BOS-01

- Attaches to the FLIR® Boson® Camera Body
- LVDS Digital Video Output
- Direct Connection to Z3 Technology's FV2K, FV4K, FSDI Dual Camera Encoder Family
- USB 2.0 Power and Offline Configuration

The CIB-BOS-01 is designed to enable digital or video input from FLIR® Boson® cameras for thermal inspection, surveillance, industrial and UAV applications. The CIB-BOS-01 provides digital LVDS video output directly from the Boson® camera.

The CIB-BOS-01 interface board is fully integrated with the dual camera family of video streaming encoders such as the FV4K-DCK-1x, FV2K-DCK1x and FSDI-DCK-1x. The FlexIO™ connector system allows for a single, convenient connection to send power from the encoder to the camera, video from the camera to the encoder and control/configuration from/to the encoder, easily creating a complete solution to capture, store and stream IR video.

The USB 2.0 jack on the CIB-BOS-01 board allows for powering the camera and access to the camera's configuration. Connecting to a computer via USB allows for offline configuration using standard FLIR® Boson® tool.



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*

Technical

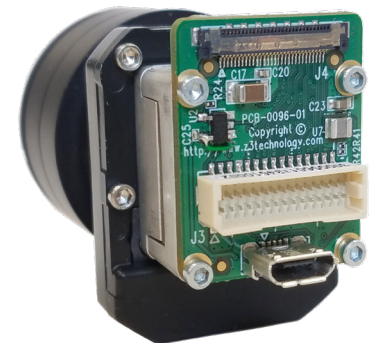
Camera Supported	FLIR® Boson®
Video Output	•LVDS Digital
Interfaces	•USB 2.0 for Power and configuration •FlexIO™ connector with video, power and serial control
Output Formats	•LVDS via 30pin FlexIO™ •Can be used to connect to Z3's FV2K-DCK-1x, FV4K-DCK-1x, FSDI-DCK-1x family of video encoders

Features

- Attaches directly to the FLIR® Boson® camera
- FlexIO™ connector with power, video and control
- Single direct connection from camera to Z3's DCK encoder family
- Power from USB jack or FlexIO™ interface

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



FLIR® Boson® connected to CIB-BOS-01

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

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