LYNRED Digital LVDS Output Board
Designed for your IR Camera Connection Needs
CIB-ATI640

- Attaches to the LYNRED Camera Body
- LVDS Digital Video Output
- KEL Cable Connection to Z3 Encoders

The CIB-ATI640 is designed to attach to the back of the LYNRED ATI640 camera for an exact match of the camera body with mounting holes for securing the board. Two connection points are available for LVDS output and MIPI output from the ATI640. For the LVDS output, a single 30-pin KEL cable connection allows for Z3 Video Encoders to receive LVDS digital video from the ATI640 and send both power and bidirectional controls to the camera. For a MIPI output, a 15-pin MIPI CSI-2 connector is available for interfacing with MIPI comptabile products. Accelerate your project development and create a complete IP Camera System by leveraging Z3 Technology's add-on Video Encoders for H.265/H.264 or MJPEG video streaming and recording. Z3 Video Encoders allow for control options through the API, web GUI or serial. Each platform features exceptionally low power, top-notch compressed video quality, and Ultra Low Latency performance.

Front view | Back view

Matches to LYNRED ATI640 | Connectors available to Z3 or MIPI compatible products

Technical

Camera Supported	LYNRED ATI640
Video Output	• LVDS Digital • MIPI CSI-2
Interfaces	• KEL cable connection for digital video, power and camera control when connecting to the FV2K, FV4K, FSDI, and Q603 Video Encoder

Specifications

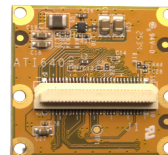|	
Board Size	24 x 25 x 4 mm (0.94 x 0.98 x 0.16 in)
Board Weight	3g (0.11oz)
Temperature Range	-40˚C to 80˚C

Add-On OEM Video Encoders

Single Camera Encoder	Q603
Dual Camera Encoder	FV2K, FV4K, FSDI
Encoder Features	• Low Power + Low Latency • H.265/H.264/MJPEG codecs supported • Easy-to-Use HTTPs Web GUI with live video preview • Send VISCA and IR Camera Controls over IP with Web GUI or HTTPS API • ONVIF® Profile S, T, and M Compliant • NDAA, TAA, REACH, and ROHS Compliant • Embedded KLV Metadata Support Via Serial, MISB 0601 Compliant • High Precision Timestamps Across Multiple Streams, MISB 0604 Compliant • Region of Interest: Configurable Field of View • Absolute PTZ Support and PTZ Tours; Pelco D PTZ Position and ONVIF • NMEA GPS Overlay • AI Ready for on the edge analytics • Simultaneous Stream + Record

ORDERING OPTIONS

CIB-ATI640
- Camera Interface Board for LYNRED ATI640
- Documentation

Note: LYNRED ATI640 and Z3 Video Encoders sold separately*

APPLICATIONS
Inspection
Defense Systems
Security and Surveillance
Unmanned Systems
Customized Applications*