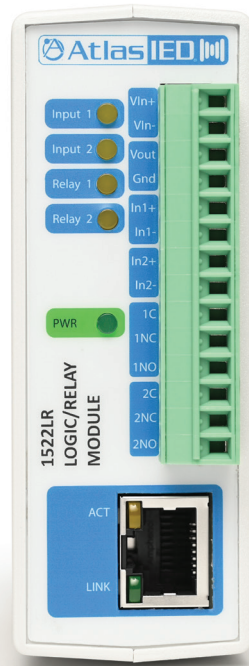# IED1522LR

2 Logic Input x 2 Relay Output IO Device

Features

- Two electro-mechanical relays
- Two optically-isolated inputs
- Control and configure using a web browser, GLOBALCOM® 5400 Designer Software, and GCK
- Settings stored in non-volatile memory
- Fully supervised system voltage and internal temperature monitoring
- Utilizes IEEE 802.af Power over Ethernet (PoE)
- Rugged Din-rail mount enclosure

Applications

- Healthcare
- Public Transportation
- Subway Stations
- Corporate Centers
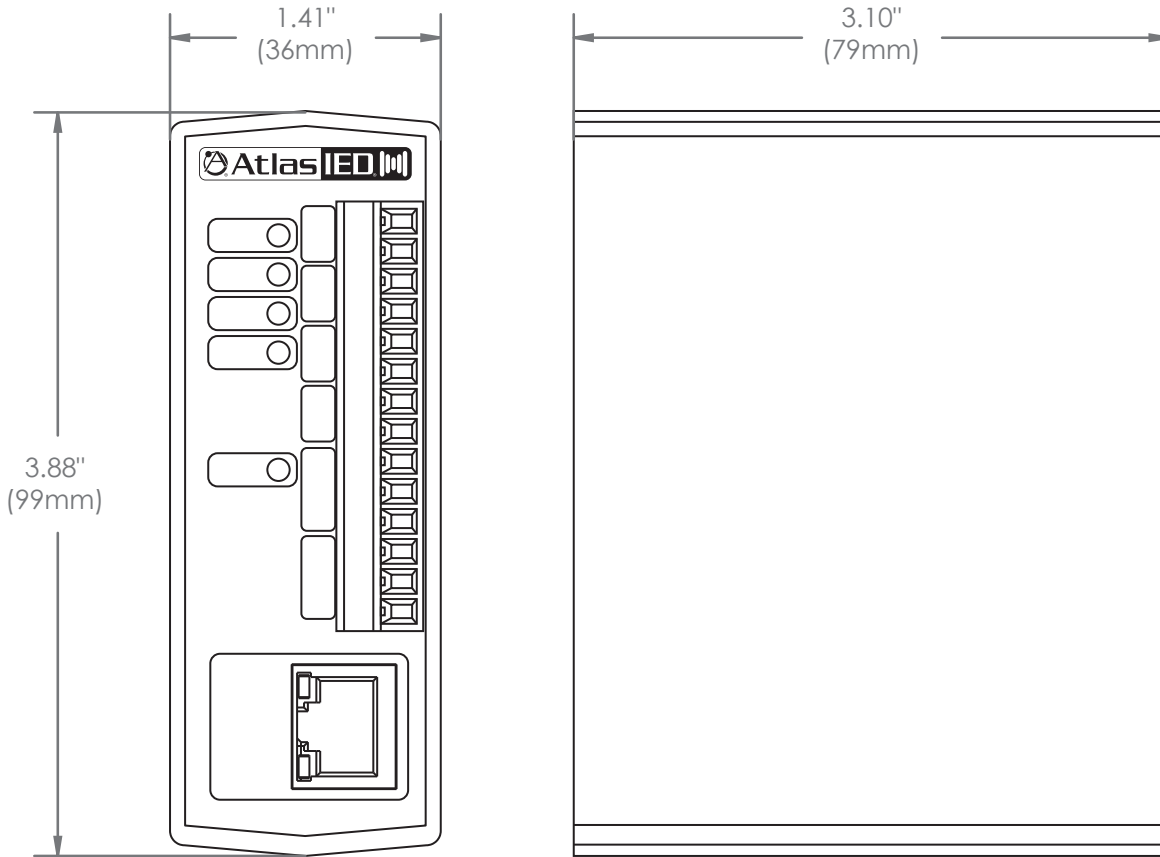- Education
- Industrial / Manufacturing

General Description

The IED1522LR Logic / Relay Module is a cost effective interface module that operates as an integral part of an AtlasIED GLOBALCOM® system. It is a web-enabled, programmable relay device for a wide variety of remote control and automation applications. It has two electro-mechanical relays and two optically-isolated inputs. The relays can be controlled remotely using actions configured in the GLOBALCOM® GCK Application and 5400 Designer control software. The optically-isolated inputs can be used to trigger actions or as logic monitor points that will register faults in the system. The module receives its power over IEEE 802.3af PoE and communicates with other system devices over the Ethernet network.

AtlasIED

1601 JACK MCKAY BLVD.
ENNIS, TEXAS 75119 U.S.A.

TELEPHONE: (800) 876-3333
SUPPORT@ATLASIED.COM

AtlasIED.com

System	
Type	2 Logic Input x 2 Relay Output IO Device
Electrical	
Relay Contacts	Qty 2
Contact Form	SPDT (Form C)
Contact Material	AgSnO2
Contact Resistance	< 50 mΩ
Max Voltage	28 VAC, 24 VDC
Max Current	3A
Optically Isolated Inputs	Qty 2
Voltage Range	4 - 26 VDC
Current	950uA @ 4V, 8.5mA @ 26V
Power Requirements	
Voltage	PoE and / or 9-28 VDC
Max Current	233 mA
Environmental	
Operating Temperature Range	–40°F to +150°F (–40°C to +65.5°C)
Connectors	
Power, Inputs and Outputs	14-Position, 3.81mm, Removable
Network	RJ-45
Mechanical	
Product Dimensions (HxWxD)	3.88" x 1.41" x 3.10" (99mm x 36mm x 79mm)
Shipping Dimensions (HxWxD)	4.5" x 1.7" x 3.7" (114mm x 43mm x 94mm)
Net Weight	0.34 lbs (0.15kg)
Shipping Weight	0.4 lbs (0.18kg)
Warranty Coverage	
Warranty Period	1 Year

Dimensional Drawings

1.41"
(36mm)

3.88"
(99mm)

3.10"
(79mm)

Architect & Engineer Specifications

The AtlasIED IED1522LR Logic / Relay Module shall be a web-enabled, programmable relay device that supports a variety of remote control and automation applications. The module includes two electro-mechanical relays and two optically isolated inputs.

The two (2) relay contacts shall have a maximum voltage of 28VAC and 24VDC with a maximum current of 3A. The contact type shall be SPDT (Form C) with a contact resistance of less than 50 milliohms. The relays can be controlled remotely using actions configured in the GLOBALCOM® control software.

The two (2) optically isolated inputs shall have a voltage equivalent to that of PoE (IEEE 802.3af) and/or 9-28 VDC with a maximum current of 950uA @ 4V and 8.5mA @ 26V. The inputs can be used to trigger actions or as logic monitor points that shall register faults in the system.

The module shall communicate with other system devices over the Ethernet network via an 8-pin RJ-45 cable.

The logic / relay module shall be the AtlasIED IED1522LR.