IP-1522LR

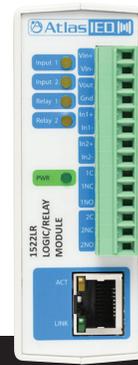## 2 LOGIC INPUT X 2 RELAY OUTPUT IO DEVICE

TECHNICAL DATA SHEET

PRODUCT SUMMARY

The IP-1522LR Logic / Relay Module is a cost-effective interface module that operates as an integral part of an IPX based InformaCast 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 InformaCast M2M module. The optically-isolated inputs can be used to trigger InformaCast actions. The module receives its power over IEEE 802.3af PoE and communicates with other system devices over the Ethernet network.

KEY FEATURES

- Two electro-mechanical relays
- Two optically-isolated inputs
- Utilizes IEEE 802.af Power over Ethernet (PoE)
- InformaCast™ compatible via the M2M module
- Settings stored in non-volatile memory
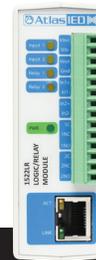- Rugged Din-rail mount enclosure

APPLICATIONS

- Healthcare
- Corporate Centers
- Education
- Industrial / Manufacturing

IP-1522LR

2 LOGIC INPUT X 2 RELAY OUTPUT IO DEVICE

AUDIO SPECIFICATIONS / PERFORMANCE

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

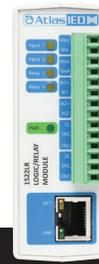|	
Product Dimensions (HxWxD)	3.88" x 1.41" x 3.10" (99mm x 36mm x 79mm)
Shipping Dimensions (HxWxD)	4.5" x 1.7" x 3.7" (114mm x 43mm x 94mm)
Net Weight	0.34 lbs (0.15kg)
Shipping Weight	0.4 lbs (0.18kg)

WARRANTY COVERAGE

Warranty Period	36 months

IP-1522LR

2 LOGIC INPUT X 2 RELAY OUTPUT IO DEVICE

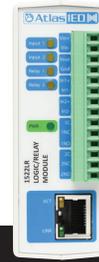## DIMENSIONAL DRAWINGS

1.41"
(36mm)

3.88"
(99mm)

3.10"
(79mm)
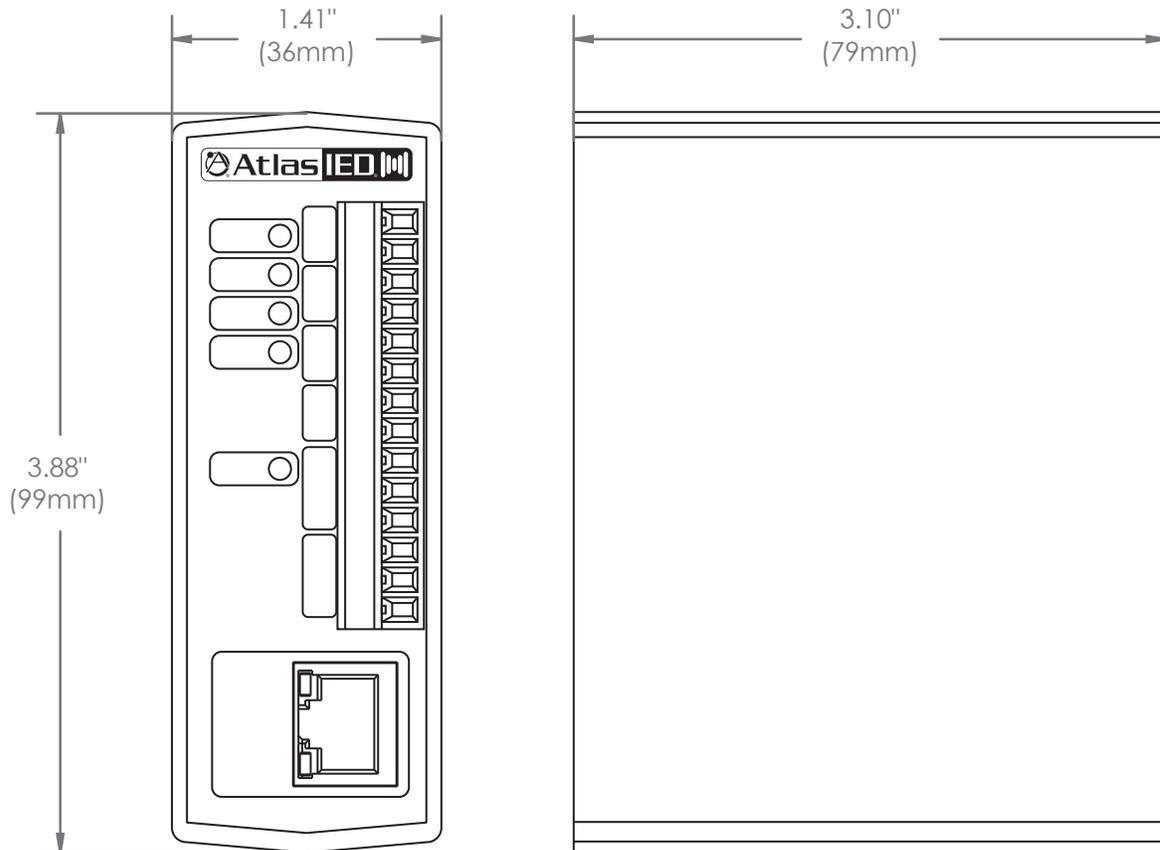
IP-1522LR

2 LOGIC INPUT X 2 RELAY OUTPUT IO DEVICE

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ARCHITECT AND ENGINEER SPECS

The AtlasIED IP-1522LR 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 the InformaCast M2M module.

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 IP-1522LR.