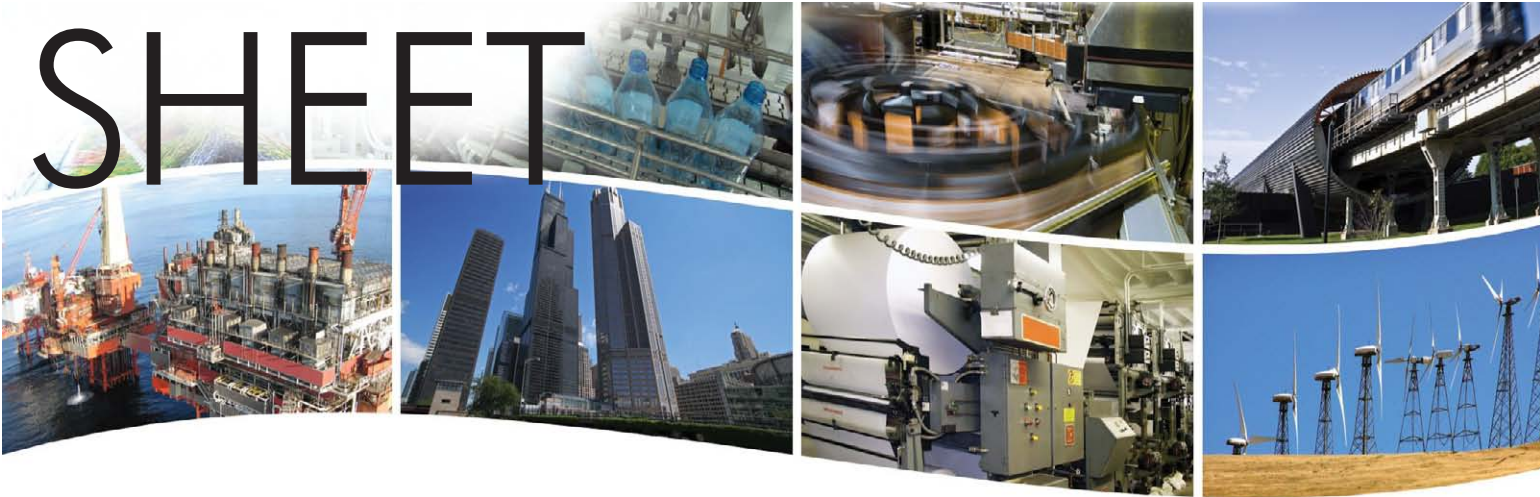


data

SHEET



EIPR — Skorpion IP Router

The EIPR links two Internet Protocol (IPv4) networks together — passing appropriate traffic while blocking all other traffic. One of the networks is designated the local-area-network (LAN) and the other the wide-area-network (WAN). Because of the built-in stateful firewall, communication initiated on the LAN-side passes through the router while WAN-side initiated communication is blocked. With Port Address Translation (PAT), several clients on the LAN-side can gain access to the Internet.

With Network Address Translation (NAT) there can be a one-to-one translation between LAN-side and WAN-side addresses. With Port Forwarding, servers on the LAN-side can be accessed from the Internet via the WAN-side port. The EIPR incorporates a four-port 10/100 Mbps Ethernet switch for multiple LAN-side connections. An external Ethernet-based modem — cable or DSL — attached to the 10/100 Mbps WAN-side port can be used to connect to the Internet. DSL modems connect via the PPPoE protocol.

EIPR Skorpion IP Router Features ...

- Web page configuration
- 10/100 Mbps WAN port
- 4-port 10/100 Mbps Ethernet LAN switch
- PAT, NAT and Port Forwarding
- Stateful firewall
- DHCP client (WAN) and DHCP server (LAN)
- DIN-rail mounting
- Rugged metal enclosure
- Diagnostic LEDs
- UL 508 listed
- 24 VAC/VDC powered



CTRLink®

EIPR — Skorpion IP Router

Although the EIPR has many of the same features found in high-end routers, it is simpler to install and commission. A resident DHCP server on the LAN-side will provide IP addresses to LAN-side clients while a DHCP client on the WAN-side will accept IP address assignments from the attached

modem. Static addressing is accommodated as well. Configuration is via a web browser using authentication. With a DIN-rail mounting clip, rugged metal enclosure and the ability to be powered from a low-voltage AC/DC power source, the EIPR is ideal IP router for automation systems.

Quick Disconnect 4-pin Power Connector

provides connections to a DC or AC source and a connection for a backup DC source.

35 mm Din-rail Clip

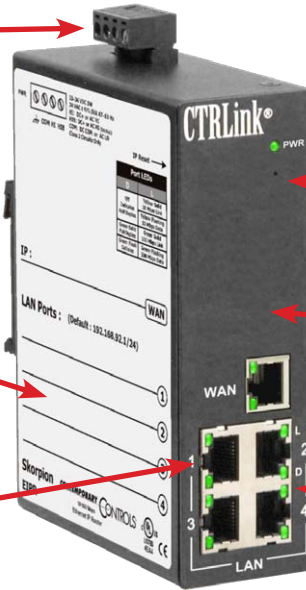
for convenient control panel installation

Writable Label

for a helpful record of connected IP devices

Built-in Ethernet Switch

connect up to four 10/100 Mbps Ethernet devices with auto-negotiation and Auto-MDIX



Power LED

Power OK indicator

Reset Switch

returns the EIPR to its default IP address settings

Metal Enclosure

rugged packaging for tough environments

Diagnostic LEDs

indicate the status of Link, Duplex and Activity

Connector Pin Assignments

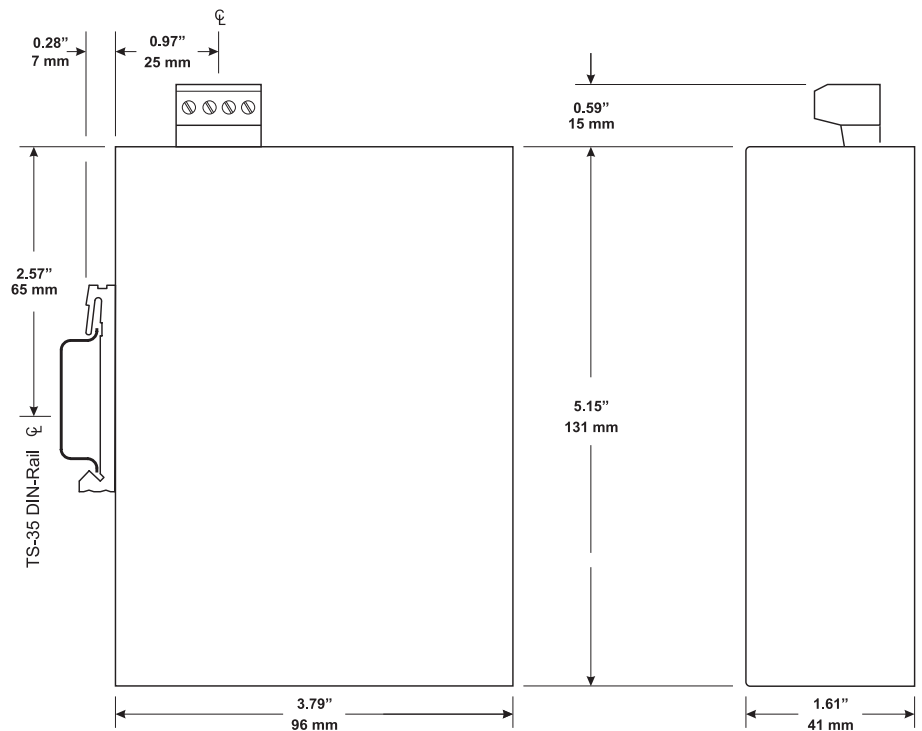
Ethernet

Pin	Function
1	+TD
2	-TD
3	+RD
4	N/C
5	N/C
6	-RD
7	N/C
8	N/C

All ports are MDIX.



Mechanical Drawing



Web Page Configuration



Skorpion IP Router

Automation Firewall/Router Offers Reliability and Ease of Use

About This Page

The setup page is used to perform basic IP settings for the WAN and LAN interfaces like IP address, subnet mask etc. The connection type is used to select the WAN connection type from DHCP, Static IP or PPoE. You can also set optional settings like hostname, domain name and MTU if required by your ISP.

The LAN setup can be used to enable the DHCP server for the LAN side along with the starting DHCP address and number of DHCP clients.

Need Support?

Our staff of engineers is available to address any issues you may be having.

Please visit our [website](#) for more information.

Setup
Administration
Status
Advanced

WAN Setup

Connection Type: DHCP

Optional Settings (required by some ISPs)

Host Name:

Domain Name:

MTU: Enable Disable Size: 1500

LAN Setup

Router IP

Local IP Address: 192 . 168 . 92 . 1

Subnet Mask: 255.255.255.0

Network Address Server Settings (DHCP)

Local DHCP Server: Enable Disable

Start IP Address: 192 . 168 . 92 . 100

Number of Addresses: 10 (1 to 50)

Client Lease Time: 0 minutes (0 means one day)

Save
Cancel

WAN Setup

Connection Type: Static IP

IP Address: 10 . 0 . 0 . 100

Subnet Mask: 255.0.0.0

Default Gateway: 10 . 0 . 0 . 1

Static DNS 1: 0 . 0 . 0 . 0

Static DNS 2: 0 . 0 . 0 . 0

Static DNS 3: 0 . 0 . 0 . 0

Optional Settings

Port Forwarding

WAN IP Port	TCP/UDP Protocol	TO	LAN IP Address	LAN IP Port	Enabled
8080	Both	TO	192 . 168 . 92 . 101	80	<input checked="" type="checkbox"/>
	Both	TO			<input type="checkbox"/>
	Both	TO			<input type="checkbox"/>
	Both	TO			<input type="checkbox"/>
	Both	TO			<input type="checkbox"/>
	Both	TO			<input type="checkbox"/>
	Both	TO			<input type="checkbox"/>
	Both	TO			<input type="checkbox"/>

Router Access

Local Router Access

Username:

Password:

Confirm Password:

Firewall

Firewall Status: Enable Disable

NAT

WAN IP Address	TO	LAN IP Address	Enabled
129 . 250 . 35 . 123	TO	192 . 168 . 1 . 119	<input checked="" type="checkbox"/>
	TO		<input type="checkbox"/>
	TO		<input type="checkbox"/>
	TO		<input type="checkbox"/>
	TO		<input type="checkbox"/>

Specifications

Power Requirements	10–36 VDC \pm 10% 4 W	or	24 VAC \pm 10% 6 VA 47–63 Hz
Operating Temperature	0°C to 60°C		
Storage Temperature	–40°C to 85°C		
Relative Humidity	10–95%, non-condensing		
Protection	IP30		
Mounting	TS-35 DIN-rail		
Ethernet Communications	IEEE 802.3 10/100 Mbps data rate 10BASE-T, 100BASE-TX physical layer 100 m (max) CAT5 cable length		
LEDs	Power	Green = power OK	
	L	Green = 100 Mbps communication established Yellow = 10 Mbps communication established Flash = activity	
	D	Green = Full-duplex operation Off = Half-duplex operation	
Regulatory Compliance	CE Mark; CFR 47, Part 15 Class A; RoHS		



Ordering Information

Model	RoHS	Description
EIPR-E		Skorpion IP Router with Four-port Switch

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