

## Industrial Fieldbus Gateway

# JetLink 1102 Modbus RTU/TCP to Ethernet/IP



### Feature:

- 2-port 10/100 RJ-45 for Modbus TCP Master
- 2-port 10/100 RJ-45 for Ethernet/IP Adapter
- 2-port DB9 for Modbus RTU
- Modbus function support 1,2,3,4,5,6,15,16,23
- EDS file ready for device and network integration
- Max. 64 Connections for Modbus RTU/TCP
- Dual Image
- Support MicroSD Card Configuration backup and restore
- Wide Temperature design -10-60°C
- Redundant Power Input DC 12-48V
- IP 30 Metal Case Protection



Factory



Dual Power

**EtherNet/IP**

## Overview

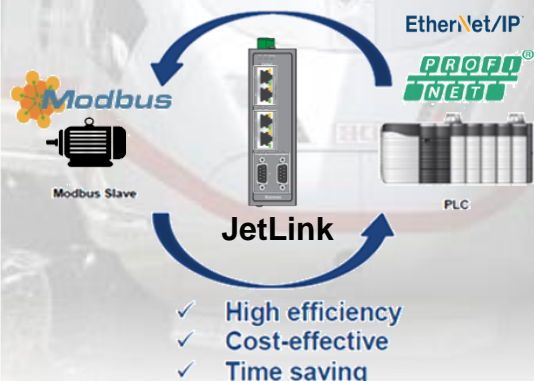
JetLink 1102 is an Industrial Fieldbus gateway providing seamless communication between Fieldbus and Industrial Ethernet and supports different protocol devices and integrates new and existing Modbus RTU/TCP devices to the EtherNet/IP network.

To collect data and exchange data between Modbus RTU/TCP to EtherNet/IP. JetLink 1102 is a simple and cost-effective way to bring the advantages of fast data transmissions between different devices.

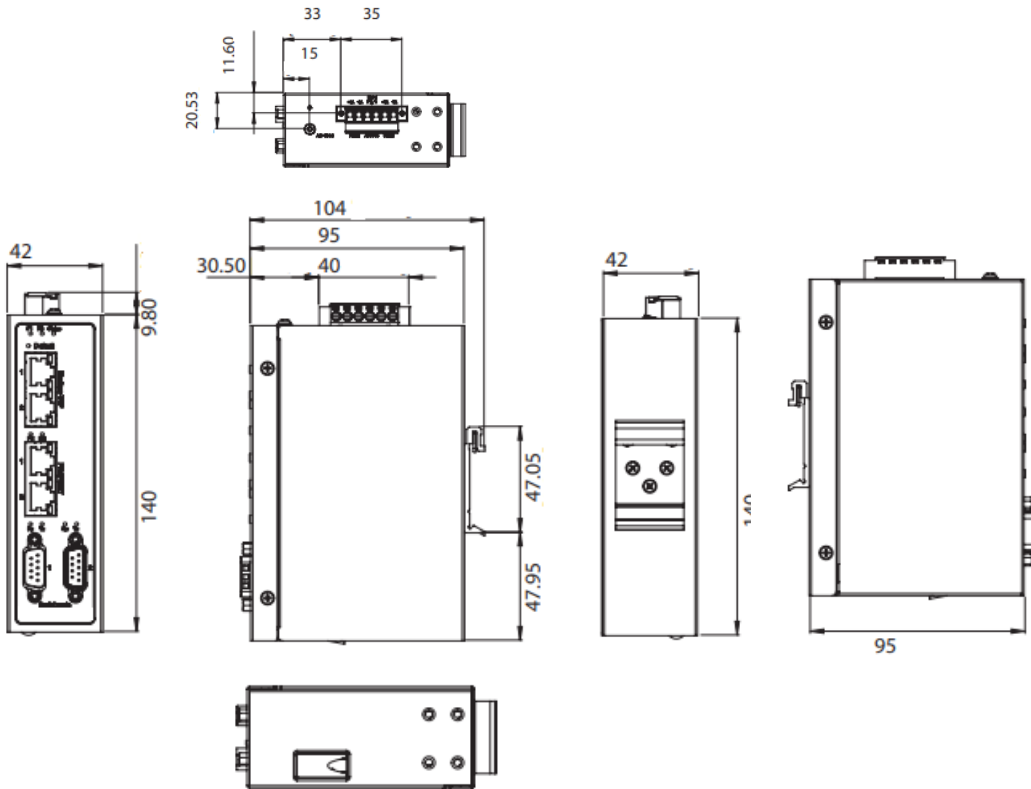
### Manual Programming



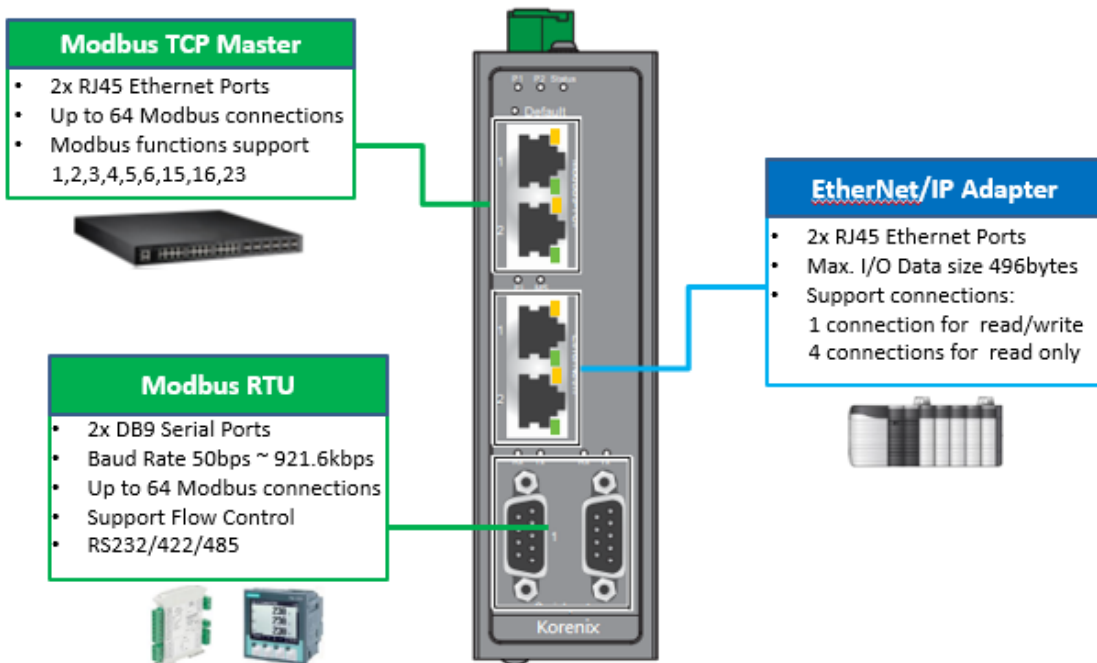
### Auto Protocol Converting



## Dimension



## Interface



# Specification

Interface	
Ethernet Port - RJ-45	2 x 10/100 EtherNet/IP 2 x 10/100 Modbus TCP
Serial Port	2 x Serial Ports RS-232: TxD, RxD, CTS, RTS, DCD, RI, GND RS-422: TxD+, TxD-, RxD+, RxD-, GND RS-485: Data+, Data-, GND
Connectors	10/100Base-TX: RJ-45 Terminal block: 4-Pin for redundant power input; 2-Pin for alarm relay output.
Cables	RJ-45 Connector: 4 pairs of Cat-5e UTP/STP cable (Maximum link distance is 100meters.) DB9 male
Diagnostic LEDs	System: <ul style="list-style-type: none"> <li>- 2 x Power: On (Power On), Off (Power Off)</li> <li>- 1 x Status: On (Loop), Off (Non-Loop)</li> </ul> Protocol Status: <ul style="list-style-type: none"> <li>- 1 x EI: On (Active), Off (Non-link)</li> <li>- 1 x MS: On (Active), Off (Non-link)</li> <li>- 2 x TX: On (Active), Off (Non-link)</li> <li>- 2 x RX: On (Active), Off (Non-link)</li> </ul>
Power Connector	Removable Terminal Block: 12-48V power Input
Software Feature	
Modbus RTU/TCP	Mode: Master Functions Support: 1, 2, 3, 4, 5, 6, 15, 16, 23 Max. 64 connections
EtherNet/IP	Class Adapter Max. 32 explicit messaging Connections, 5 implicit messaging Max. 496 bytes I/O Data Size Input
Power Requirement	
Power	Removable Terminal Block: 12-48V power Input Power input with polarity reverse correction and over current protection.
Power Consumption	5 Watts / DC 24V
Mechanical	
Enclosure Protection	Ingress Protection code - 30
Case	Slim metal case
Mounting	DIN Rail
Dimension	95(D) X 42(W)x 140(H) mm (Without Din-rail kit)
Weight	0.6 kg without package
Environmental	
Operating Temperature	-10°C-60°C
Operating Humidity	10% - 95% non-condensing
Storage Temperature	-40°C-85°C
Storage Humidity	10%- 95% non-condensing
Approvals	
EMI	CE/EN 55032 class A, FCC Class A, EN 61000-3-2 :2014, EN 61000-3-3, EN 61000-6-4
EMS	CE/ EN 55024, EN 61000-6-2, IEC 61000-4-2,IEC 61000-4-3, IEC 61000-4-4, IEC 61000-4-5, IEC 61000-4-6, IEC 61000-4-8, IEC 61000-4-11
Shock	IEC60068-2-27 (Compliance)
Vibration	IEC60068-2-6 (Compliance)
Free Fall	IEC60068-2-32 (Compliance)
Warranty	2 years
Ordering Information	
JetLink 1102	Industrial Modbus RTU/TCP to EtherNet/IP Fieldbus Gateway
Includes	1 x JetLink 1102 1 x DIN Rail Kit