

Industrial Fieldbus Gateway

JetLink 1302 Modbus RTU/TCP to PROFINET



Feature:

- 2-port RJ-45 10/100 for Modbus TCP Master
- 2-port RJ-45 10/100 for PROFINET I/O Connection
- 2-port DB9 for Modbus RTU
- Modbus function support 1,2,3,4,5,6,15,16,23
- Support MRP Slave
- GSDML file for drive system on PROFINET
- PROFINET-IO Soft-Real-Time (RT) communication
- Dual image
- Slim size design 42 x 140 x 95mm
- Easy backup/restore via microSD card
- Operating temperature -10-60°C
- Redundant power input- DC 12-48V



Factory



Dual Power

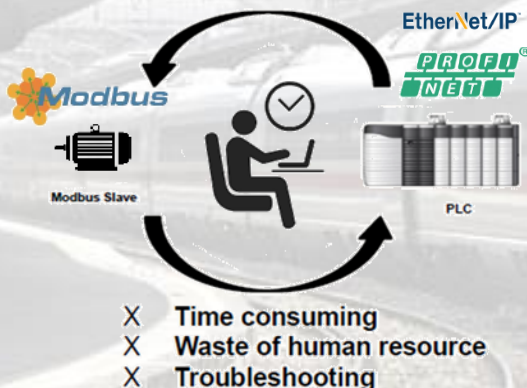


Overview

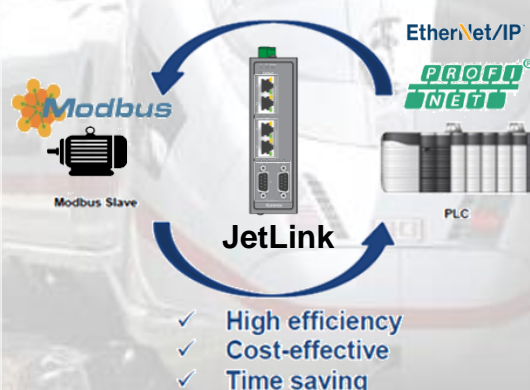
JetLink 1302 is an Industrial Fieldbus gateway providing seamless communication between Fieldbus and Industrial Ethernet and supports different protocol devices and integrates new and existing Modbus RTU/TCP devices to the PROFINET network.

To collect data and exchange data between Modbus RTU/TCP to PROFINET. JetLink 1302 is a simple and cost-effective way to bring the advantages of fast data transmissions between different devices.

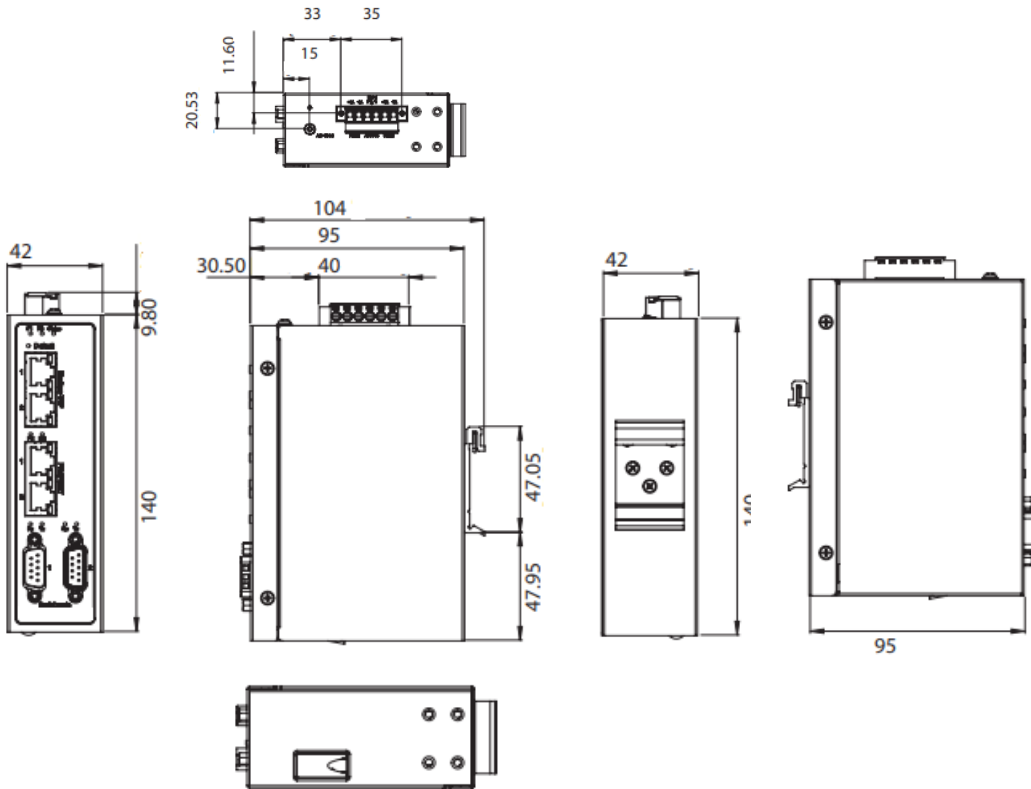
Manual Programming



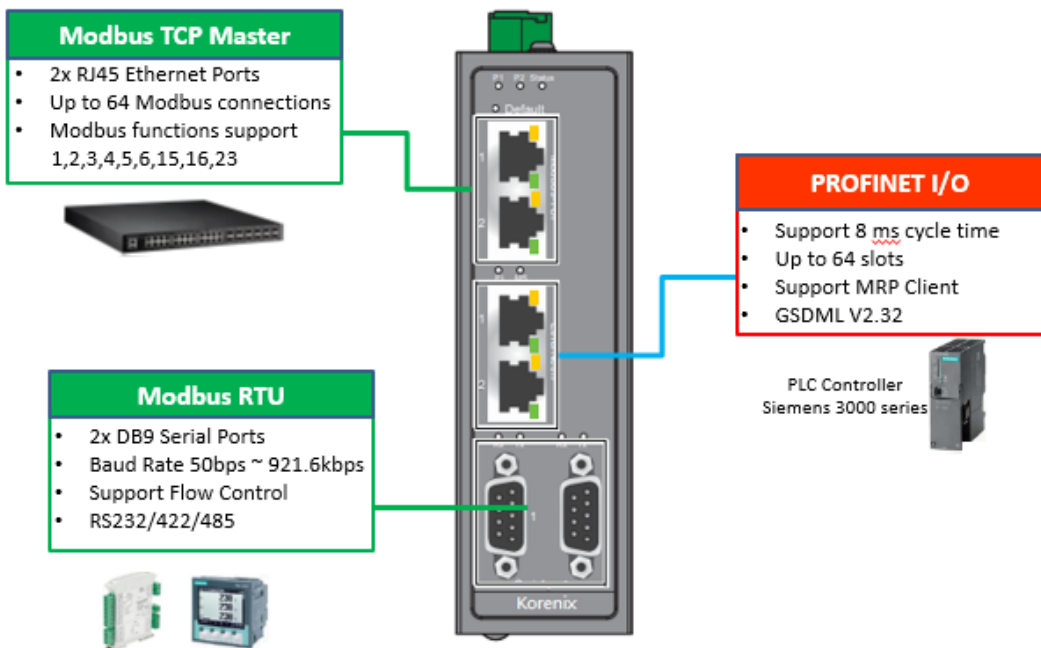
Auto Protocol Converting



Dimension



Application



Specification

Interface	
Ethernet Port - RJ-45	2 x 10/100 PROFINET 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: - 2 x Power: On (Power On), Off (Power Off) - 1 x Status: On (Loop), Off (Non-Loop) Protocol Status: - 1 x PN: On (Active), Off (Non-link) - 1 x MS: On (Active), Off (Non-link) - 2 x TX: On (Active), Off (Non-link) - 2 x RX: On (Active), Off (Non-link)
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
PROFINET	Slave Type with 64 Slot 8 ms Cyclic data exchange
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 1302	Industrial Modbus RTU/TCP to PROFINET Fieldbus Gateway
Includes	1 x JetLink 1302 1 x DIN Rail Kit