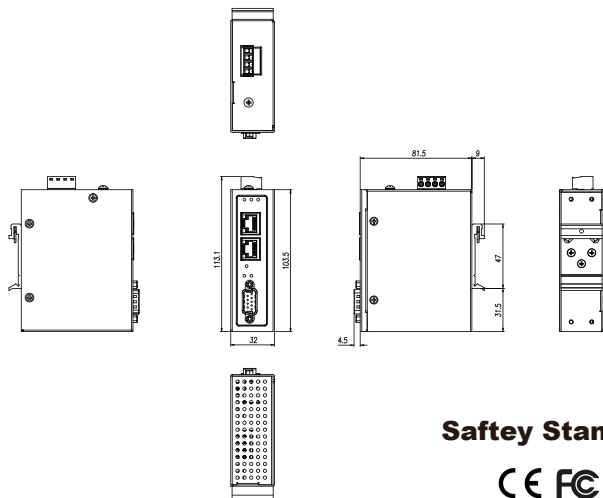


0401-0733

Industrial Modbus Gateway



Safety Standards

CE FC RoHS COMPLIANT

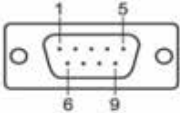
Specification

IEEE Standard

- IEEE 802.3 10Base-T Ethernet
- IEEE 802.3u 100Base-TX Fast Ethernet
- IEEE 802.3x Flow Control and Back Pressure
- RFC 768 UDP
- RFC 793 TFTP
- RFC 791 IP
- RFC 792 ICMP
- RFC 854 Telnet
- RFC 958 NTP
- RFC 1591 DNS (client only)
- RFC 1908 SNMPv2c
- RFC 2068 HTTP
- RFC 2131 DHCP Client
- EIA/TIA RS232/422/485

Data Processing	Store and Forward
Flow Control	RTS/CTS and DTR/DSR (RS232 only) and RTS Toggle
MAC address Table Size	2K
Serial/Ethernet Ports	1 x DB9 male + 2 x10/100M RJ45
Serial Standards	RS232/RS422/2-wire RS485

Specification

Baud Rate (Data Rate)	50bps to 921600bps				
Data Bits	8				
Parity Type	Even ,Odd , None, Space, Mark				
Stop Bit	1 or 1.5/2				
Signals	RS232: DCD, RxD, TxD, DTR, GND, DSR, RTS, CTS RS422: TxD+(A), TxD-(B), RxD-(B), RxD+(A), GND 2-wire RS485: Data-(B), Data+(A), GND				
Pin Assignment	Male DB9	Pin	RS232	RS422	RS485-2W
		1	DCD	TxD+ (A)	--
		2	RxD	TxD- (B)	--
		3	TxD	RxD- (B)	Data- (B)
		4	DTR	RxD+ (A)	Data+ (A)
		5	GND	GND	GND
		6	DSR	--	--
		7	RTS	--	--
		8	CTS	--	--
		9	--	--	--
Management Interfaces	Web management Telnet Console management Windows-based MB COM Utility management				
IP version	IPv4				
Operation Mode	RTU Slave RTU master ASCII Slave ASCII Master				
MB COM Utility Platform Supports	Windows Base Only: Windows XP Windows Server 2003 Windows 7 Windows Server 2008 Windows 8 Windows Server 2012 Windows 10				

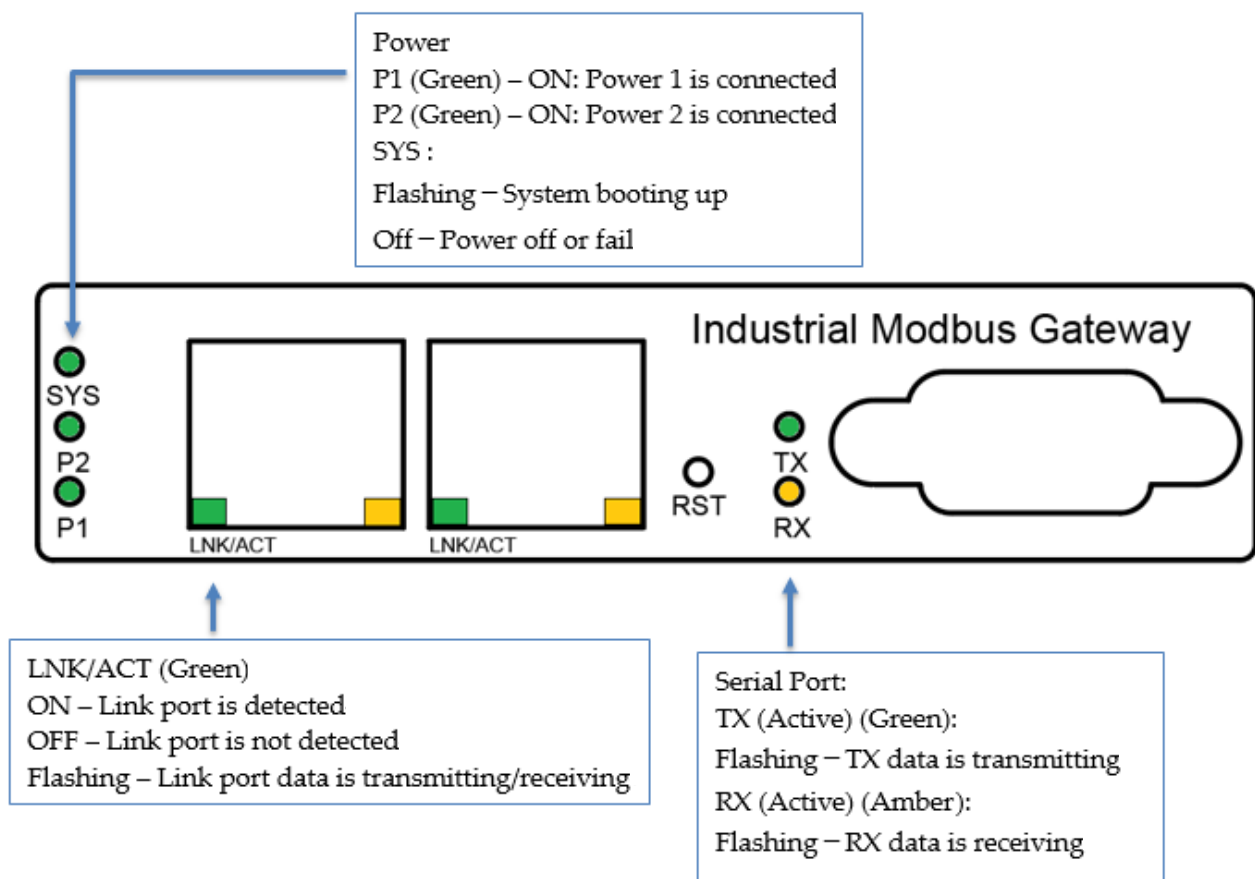
Certifications

Network Cable	UTP/STP Cat.5e or above Cable
	EIA/TIA-568 (100m)
LED	PW1 (Green): ON — Power 1 is detected PW2 (Green): ON — Power 2 is detected SYS: Flashing — System booting up Off — Power off or fail
	TX/RJ-45 port: LNK/ACT(Green): ON — TX port is detected Flashing — TX data is transmitting/receiving Serial Port: TX (Active) (Green): Flashing — TX data is transmitting RX (Active) (Amber): Flashing — RX data is receiving
Reserve polarity protection	Present
Overload current protection	Present
Power Supply	Redundant Dual DC 12V-56V Power Input
Power Consumption	3.84W@48 VDC full load
Reset Button	<5 sec: System reboot
	>5 sec: Factory default
Removable Terminal Block	Provide 2 Redundant power, 4 Pin Wire range: 0.34mm ² to 2.5mm ² Solid wire (AWG): 12-28 Stranded wire (AWG): 12-30 Torque: 5lb-In/0.5Nm Wire Strip length: 7-8mm
Operating Temperature	-40°C to +75°C
Operating Humidity	5% to 95% (Non-condensing)
Storage Temperature	-40°C to 85°C
MTBF (mean time between failure)	535,534 hrs (Telcordia (Bellcore), GB) at 50°C
Housing	Rugged Metal, IP30 Protection
Case Dimension (L x W x H)	103.5 x 32 x 81.5 mm
Installation	DIN Rail and Wall Mount options included

Certifications

EMC	CE, FCC, EN 55032/35
EMI	CISPR 32, FCC Part 15B Class A
EMS	IEC 61000-4-2 ESD: Contact: 15KV; Air: 15KV IEC 61000-4-4 EFT: Power: 2KV; Signal: 2KV IEC 61000-4-5 Surge: Power: 2KV
Vibration	EN 60068-2-6
Shock	EN 60068-2-27
Free Fall	EN 60068-2-32

LED indicator



Dimensions

L X W X H : 103.5 x 32 x 81.5

