UT-504-MGATE

ETHERNET MODBUS GATEWAY

UNITECH

- ETHERNET (TCP-IP SERVER)
- POWER TERMINAL
- Wi- Fi-(ETHERNET NETWORK)
- RS 485 COM 2 (RTU ASCII MODBUS)
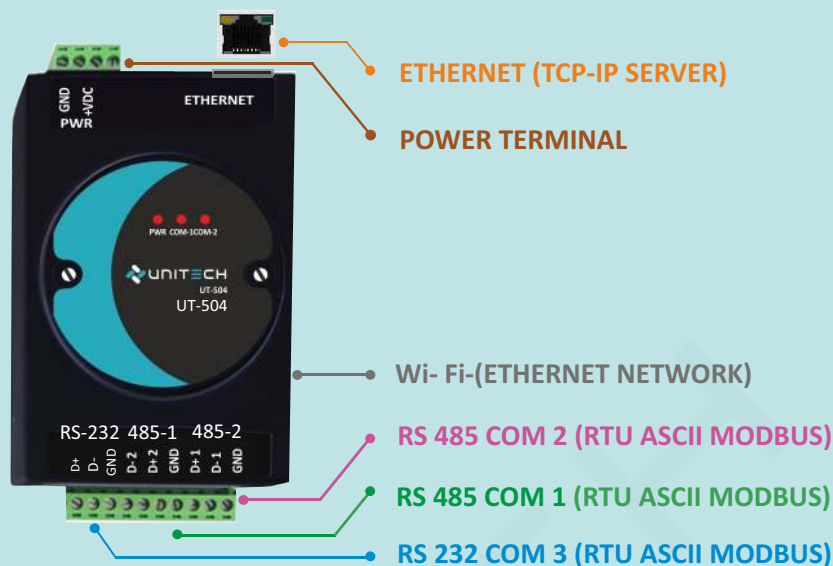- RS 485 COM 1 (RTU ASCII MODBUS)
- RS 232 COM 3 (RTU ASCII MODBUS)

- ✦ **2 x Port RS485 Isolated**
- ✦ **Multi Master Ethernet IP Up to 10 Ports.**
- ✦ **Modbus TCP-IP to Modbus RTU/ASCII Gateway**
- ✦ **Wi- Fi Network Connectivity.**
- ✦ **Special for Industrial Automation**

INTRODUCTION

The UT-504 MGATE Are Standard Modbus Gateways That Convert Between Modbus TCP And Modbus RTU/ASCII Protocols. Up To 16 Simultaneous Modbus TCP Masters Are Supported, With Up To 31 RTU/ASCII Slaves Per Serial Port. For RTU/ASCII Masters, Up To 32 TCP Slaves Are Supported.
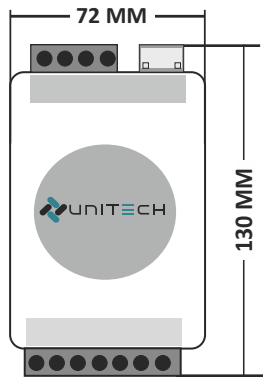
FEATURE

- ✦ MODBUS Gateway / MODBUS To TCP-IP Converter.
- ✦ 10 Simultaneous TCP Masters With Up To 20 Simultaneous Requests Per Master.
- ✦ Ease-Of-Use In MODBUS Protocol Conversion Include RTU ASCII And TCP, Support Driver.
- ✦ Wi-Fi And LAN Connection To Get Data From RS-485 / RS-232.
- ✦ Support All Standards Windows OS.
- ✦ 2nos 4-Port RS-232/RS-422/RS-485 To TCP/IP Converters.
- ✦ Simultaneously Data Can Get From Both RS-485/RS-232 Ports.
- ✦ Configure By Telnet, Web Browser, Or Windows Utility.
- ✦ Support RTU Slave, RTU Master, ASCII Slave, ASCII Master Four Operating Modes.
- ✦ Multi Virtual Master Configure Up To 10 Nos. With Communication Status Led.
- ✦ Communication Circuit Designed For Lightening And Power Interference Protection.
- ✦ 1.5 kVA Isolation Serial-Modbus And Ethernet.
- ✦ Low Power Consumption Mode And High Performance Mode.
- ✦ 2400bps-115200bps Line Speed And Non-Blocking Communication.

All content are subject to change without notice due to continuous improvements.
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TECHNICAL SPECIFICATION

ETHERNET	Standard: 10Base-T, 100Base-TX
	Protocol: Modbus TCP/IP
	Interface Quantity: 1 Interface Form: Rj45
	Duplex Mode: Full/Half Duplex Mode Self-Adaption
COM. PORT	Quantity Of Communication Port: 2 Rs485, Wi-Fi , 1 RS232
	RS485 Signal: D+, D-, GND
	Baud Rate: 2400-115200Bps
	Data Bit: 7Bit, 8Bit
	Parity Bit: None, Even, Odd
	Stop Bit: 1Bit, 2Bit
	Directional Control: RS485 Direction Adopts Data Flow Automatic Control Technology
CONFIGURATION	Web Configuration Management
	Windows Configuration Tool
SECURITY	Classification Of User Permissions
INDICATION	Power Supply Indication, Ethernet Port Indication, Rs-485 Port Indication
POWER SUPPLY	14 - 48 V DC. Support Reverse Polarity Protection
PHYSICAL CHARACTERISTICS	Housing: ABS Plastic
	Installation: Din Rail Or Back/Wall Mounted
	Dimension (W X H X D):130 X 72 X 32 All Are In mm
STORAGE TEMP.	-40 °C To 80 °C

72 MM

130 MM

PHYSICAL DIMENSION

72(W)x130(H)x30(D)
Din Rail channel / wall Mounted