

Ethernet (Modbus) TCP To LoRa Interface Converter



- NTS-201-E : Ethernet TCP to LoRa
- NTS-201-E-Modbus : Ethernet Modbus TCP to LoRa
- CPU : 32 bits MCU ,40 MHz , 16KB SRAM, 128KB Flash ROM
- Support Modbus or Transparent (to be assigned on quote and order)

- **LoRa** : Semtech SX1272
 - Freq. : ISM band 862 ~ 936MHz
 - Receiver Sensitivity : -137 dBm
 - Transmit Output Power : 20 dBm
 - Sleep Current : 3uA (at power down state)
 - TX current < 140 mA@20 dbm , RX current < 10 mA
 - Security processor (128/192/256 bits AES)
 - Packet engine up to 256 bytes with CRC
 - Antenna : SMA Type , 2 dBi , changeable
 - Distance : Up To 1500~7500 Meters in free space
 - Data Rate : 0.244 ~ 18.2K bps (LoRa) / 300 K bps (FSK) ➢ Application mode : Star

- **Ethernet Port**
 - Port Type : RJ-45 Connector
 - Speed : 10 / 100 Mbps (Auto Detect)
 - Protocol : ARP , IP , ICMP , UDP , TCP , HTTP , DHCP
 - Mode : TCP Server / TCP Client / UDP / Virtual Com / Pairing
 - Setup : HTTP Browser Setup (IE)
 - Security : Login Password
 - Protection : Built-in 1.5KV Magnetic Isolation
 - Modbus TCP To RTU Slave & Modbus TCP To ASCII Slave Mode
 - Modbus RTU To TCP Slave & Modbus ASCII To TCP Slave Mode

- Setup Tool : Windows Utility
- Power : DC 9 ~ 24V / 150mA@ 9V , 60mA@ 24V
- Led Lamp : SYS (green) , Rx(red) , Tx(green)
- Environment: Operating Temperature: -10°C~70°C

Storage Temperature: -20°C~80°C

- Dimensions : 100 * 90 * 25 mm (W * D * H)
- Weight : 150 gm (not include power)

