

GATEWAY, RTU, IOT MODULE



Gateway/ RTU

- ✦ GPRS, GSM Communication
- ✦ Ethernet, Wi-Fi and Wireless RF Communication
- ✦ Internals 4 , 8 GB Memory
- ✦ Port- 232x1 / 485x2 / USBx2
- ✦ Industrial design for IOT and Data Logging Application

FEATURE

- ✦ Flexible communication options for uplink & downlink
- ✦ Data logging on board & optionally on local SD card
- ✦ Stand-alone lowest power consumption in its category at a typical 1.8W
- ✦ Industry standard protocols of Modbus & DNP3 & Ethernet, Canbus ETC..both as master and slave
- ✦ Temperature range -40 to 75°C (-40 to 167°F). Up to 75°C, not 70°C like other units
- ✦ Secure communications with authentication & encryption

TECHNICAL SPECIFICATION :-

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|-------------------------|---|
| MAKE | UNITECH |
| MODEL NO. | UT-RTU |
| Network | Can Support Dual Mode of Communicaton via Ethernet / GPRS. and GSM. |
| Memory for data logging | SD Card |
| | USB Flash Drive 2 nos. |
| | Internal Flash Memory for Data Logging up to 4 GB. |
| OTA | Remote Firmware Upgrade and Configuratons Trough Over the Air (OTA) The gateway have Clock. Have an Inbuilt RTC Clock with Facility Time Synch. from the Mobile Network or a NTP Server |
| Interface | Isolated RS232x1 |
| | Isolated RS485x2 nos. USB x 1 |
| | Ethernet x 2. |
| | 4-20 mA Analogue Input 4 channel to 128 Channel Expendable. |
| Security | SSL Tunnels SSHv2 , FIPS 197 (IPsec, HTTPS). |
| Network Protocols | UDP/TCP,DHCP,SNMPv1/v2/APN/ETHERNET/RS485/RS232/WIFI/RF-WIRELESS |
| Watching Timer | The Gate Should Support Watchdog Timer for Automatic Recovery. |