

GPRS TCP-IP IOT Platform

PWR -905



| Feature / Functionality | Description |
|----------------------------|---|
| Core | 32bit ARM Cortex-M4F processor core, 120-MHz operation, 1024 KB Flash memory, 256 KB single-cycle System SRAM |
| Flash Memory | 8 MB Flash |
| RS232 Port | 1 RS232 Port interface Supports baud rate up to 115200bps |
| RS485 Port | 1 Port 2wire RS485(Isolated), Baud rate supports upto 11520 bps |
| Digital Inputs | 6Channel digital inputs, 5V tolerant suitable for potential free contacts, Configurable as counters or status function |
| Digital outputs | 4Channel Digital outputs, Open collector type for sink outputs Capable of handling load 200mA@12VDC |
| Analog Inputs | 6 Channel analog inputs, Range: 0 ~ 5V or 0 ~ 20mA, Resolutions: 12Bit All channels are configurable for voltage or current inputs |
| Data storage | SD card – 8 GB (SDHC), Expandable up to 32GB Push to eject type card extraction |
| USB Port | USB 2.0 high-speed, Protection on USB power Firmware upgrade using USB flash drives |
| Ethernet / LAN Port | 10BASE-T/100BASE-TX IEEE-802.3 compliant, Supports 10/100 Mbps data rates. Supports TCP/IP protocol, RJ45 port with built in magnetic isolation |
| GSM Modem | Quad band GSM GPRS (850/900/1800/1900MHz), GPRS Class 10, Supports TCP/IP, FTP protocols, External antenna with 3mtrs cable |
| Clock | Built in Real Time Clock with battery backup |
| Indications | LED indication for Device Status, GSM, GPS and power |
| Power supply | Range 8 ~ 24VDC, Consumption – 4W max @ peak operation Protection against over load, reverse polarity |
| Environmental | Operating temperature: -40°C ~ +70°C @ 10 - 90%Rh |
| Enclosure | DIN Rail Mountable Modular Enclosure (ABS Plastic) Dimensions: 145 x 110 x 40mm, Weight: 230g |

NOTE: PRODUCT SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE, TO IMPROVE RELIABILITY, FUNCTION OR DESIGN OR OTHERWISE