

InTek UC-504G RTU

SCADA RTU/Concentrator/Gateway

- . Substation Universal Concentrator
- . Support Multi-Masters and Multi-Slaves concurrently on real-time based
- . [16 DI @ 4 Groups, 8 DO/RO, 2 AI]
- . 4 x LED Status for Protocol & Device Links
- . Logger to USB Flash and/or SD Memory
- . Power Supply: Type #A [7-28 VDC]
Type #B [18-72 VDC]
Type #C [36-160 VDC]



4G / LTE



3G

(4-bands)



GPRS/EDGE

(Class 12)



2G

(Quad-Band)

GPS



TCP/IP



Comm / GSM

LTE FDD : B1/B2/B3/B5/B7/B8/B20

DC-HSPA+/HSPA+/HSPA/UMTS:

850/900/1900/2100MHz

GSM/GPRS/EDGE:

1900/1800/900/850 MHz

AT Commands : 3GPP TS 27.007 and 27.005

Huawei extended AT command

GPS Features

A/GPS support: standalone, XTRA®, CP E911

Protocol: NMEA-0183 V2.3

Huawei 4G Comm Module Certification :

CE, FCC, GCF, RoHS Compliant

Processor, Memory, and Storage

CPU: ARM9 @400Mhz on Atmel AT91SAM9G25

256 MByte DDR2 RAM

256 MByte Flash

Communication Interface

1 x Ethernet, 10/100Mbps (RJ-45)

2 x RS232 (RJ-45)

1 x RS485 (screw terminal)

2 x USB 2.0 Hosts w/ full speed of 12Mbps

Supported Protocols

IEC 60870-5-104 Slave direct and Open VPN

IEC 60870-5-101/104 Master & Slave

DNP 3.0 Serial / TCP Master & Slave

Modbus RTU / TCP Master & Slave

EDF HNZ RTU Master & Slave

IEC 60870-5-103 Master

Operating System

Linux kernel version: Linux 3.6.9

Boot Loader: U-Boot 1.3.4

File Systems: UBI, JFFS2, ETX2/ETX3,
VFAT/FAT, NFS

Utilities : Web server (lighttpd)

Open VPN, and others available

Relay Outputs : 8 x N/O Contact

Rating : 1A @ 110VDC

Programmable Pulse output

Digital Inputs : 16 ch w/ Sensing = Power Supply

Opto-Coupler Isolation

4 x Groups Separated Common

SOE Accuracy : 1 msc.

Debounce Filtering

Analog Inputs : 2 ch. with 0-5 VDC or 0-20mA

or as RTD / PTD-1000

Operating Temperature : 0 to 70°C