WCDMA/HSDPA Terminal **T5320E**

T5320E is a WCDMA/HSDPA terminal based on the advanced SIM5320 series module solution which supports HSDPA up to 3.6Mbps for downlink data transfer. With a wide range of industrial interfaces and extended working temperature range, the reliable terminal is an ideal solution for most applications such as remote maintenance & control, environmental monitoring, transportation and security etc. It allows quick and easy implementation, reduces customer cost significantly and lower the entry barriers to wide range M2M businesses.

T5320E supports LUA Script Language, which provides the possibility for customers to develop and run programs inside the modem itself and meet various customers' needs. With standard serial RS-232 interface, customer can easily implement the data flow control, hardware or software flow control according to their own requirements.

The firmware upgrading will be available by FOTA or via USB interface.

Smart Machine Smart Decision

General features
- Dual-Band UMTS/HSDPA 900/2100MHz
- Dual-Band : GSM/GPRS/EDGE 900/1800MHz
- GPRS multi-slot class 12
- EDGE multi-slot class 12
- WCDMA 3GPP release 5
- Output power
  - UMTS 900/2100: 0.25W
  - GSM900: 2W
  - DCS 1800: 1W
- Control via AT Commands
- Dimension: 98*60*22 mm
- Weight : 180g
- SIM application toolkit
- Supply power range：5 ~ 30V DC
- Low power consumption
- Operation : -40°C to +85 °C

Specification for data
- HSDPA
  - Max. 3.6Mbps(DL)
- WCDMA
  - Max. 384Kbps(DL)
  - Max. 384Kbps(UL)
- EDGE Class
  - Max.236.8Kbps(DL)
  - Max.118Kbps(UL)

- GPRS
  - Max.85.6Kbps(DL)
  - Max.42.8Kbps(UL)
- CSD
  - GSM data rate 14.4Kbps
  - WCDMA data rate 57.6Kbps

SMS
- Point to point MO and MT
- Text and PDU mode

Soft features
- Firmware update via USB
- MMS
- TCP/IP
- MUX Protocol
- FTP/FTPS/HTTP/HTTPS/SMTP/POP3/DNS
- FOTA
- Jamming detection support

Interface
- Internal SIM 1.8V/ 3.0V
- Serial DB9
- Antenna
- USB
- POWER
- 10 pin connecter
  - ADC
  - Four GPIOs
  - Audio

More about SIMCom T5320
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