WCDMA/HSDPA Terminal **T5320+G**

SIMCom
A company of SIM Tech

T5320+G is a WCDMA/HSDPA with GPS 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.

T5320+G 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
• T5320A+G：Dual-Band UMTS/HSDPA 850/1900MHz
　　　　　　Quad-Band GSM/GPRS/EDGE 850/900/1800/1900MHz
　T5320E+G：Dual-Band UMTS/HSDPA 900/2100MHz
　　　　　　Quad-Band GSM/GPRS/EDGE 850/900/1800/1900MHz
　T5320J+G： Dual-Band UMTS/HSDPA 850(800)/2100MHz
　　　　　　Quad-Band GSM/GPRS/EDGE 850/900/1800/1900MHz
•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*23 mm
•Weight : 129g
•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

Specification for GPS
• Mobile-Assisted mode
• Mobile-based mode
• Standalone mode

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	• 10 pin connecter
• Serial DB9	- ADC
• GSM/WCDMA Antenna	- GPIO
• GPS Antenna	- Audio
• USB	- 12C
• POWER	- VBAT Output

More about SIMCom T5320
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