



# solutions catalogue

**SUPPLIER OF SOLUTIONS**

THE BROADLINE DISTRIBUTOR OF ELECTRONIC COMPONENTS

2013  
2014





**SIMCOM WIRELESS SOLUTIONS**, a subsidiary of SIM Technology Group Ltd., is one of leading companies providing high quality wireless modules for different technology platforms in GSM/GPRS/EDGE, WCDMA/HSPA, TD-SCDMA, EVDO and GPS.

**CZ** **SIMCOM WIRELESS SOLUTIONS** je dceriná spoločnosť SIM Technology Group Ltd., A je jednou z předních společností, které poskytují vysoce kvalitní bezdrátové moduly pro různé technologické platformy v GSM / GPRS / EDGE, WCDMA / HSPA, TD-SCDMA a EVDO a GPS.

**DE** **SIMCOM WIRELESS SOLUTIONS** ist eine Tochtergesellschaft von SIM Technology Group Ltd. und eines der führenden Unternehmen, welche hochqualitative drahtlose Module für verschiedene Technologieplattformen in GSM / GPRS / EDGE, WCDMA / HSPA, TD-SCDMA und EVDO sowie GPS anbieten.

**HU** **A SIMCOM WIRELESS SOLUTIONS** a SIM Technology Group Ltd. leányvállalata, egyike a jó minőségű különböző technológiai platformokra (GSM/ GPRS/EDGE, WCDMA/ HSPA, TD-SCDMA, EVDO és GPS) szánt vezeték nélküli modulok vezető gyártóinak.

**PL** **SIMCOM WIRELESS SOLUTIONS**, spółka-córka SIM Technology Group Ltd., to jedna z wiodących spółek oferująca jakościowe moduły bezprzewodowe dla różnych platform technologicznych w GSM/ GPRS/EDGE, WCDMA/ HSPA, TD-SCDMA, EVDO i GPS.

**RO** **SIMCOM WIRELESS SOLUTIONS**, o filială a SIM Technology Group Ltd., este una din principalele companii ce furnizează module wireless de înaltă calitate pentru diverse platforme de tehnologie în GSM/GPRS/ EDGE, WCDMA/HSPA, TD-SCDMA, EVDO și GPS.

**SK** **SIMCOM WIRELESS SOLUTIONS** je dcérska spoločnosť SIM Technology Group Ltd., a je jednou z popredných spoločností, ktoré poskytujú vysooko kvalitné bezdrôtové moduly pre rôzne technologické platformy v GSM / GPRS / EDGE, WCDMA / HSPA, TD-SCDMA a EVDO a GPS.

Simcom Wireless Solutions supplies 2.5G, 3G, 3.5G technology-based wireless communication modules and related application solutions. SIMCom Wireless Solutions is ranked the number 2 based on worldwide shipment based on the ABI recent research report. In March 2008, SIM Technology Group was awarded as "Top 50 global emerging-market enterprises" by Boston which is the world's leading consulting firm. As one of the 15 Chinese selected enterprises, SIM Technology Group is considered as the outstanding representative of the national enterprises takes the lead in the local market through its innovative business mode and leading technology.

### Why SIMCOM?

- experienced company, rich-featured products
- very good price/performance ratio

## GSM/GPRS Modules

### SIM900, SIM900D

The SIM900 is a complete Quad-band GSM/GPRS solution in a SMT module which can be embedded in the customer applications. Featuring an industry-standard interface, the SIM900 delivers GSM/GPRS 850/900/1800/1900MHz performance for voice, SMS, Data, and Fax in a small form factor and with low power consumption. With a tiny configuration of 24mm x 24mm x 3 mm, SIM900 can fit almost all the space requirements in your M2M application, especially for slim and compact demand of design.

- SIM900 is designed with a very powerful single-chip processor integrating AMR926EJ-S core
- Quad - band GSM/GPRS module
- SMT type suit for customer application
- An embedded Powerful TCP/IP protocol stack
- Based upon mature and field-proven platform, backed up by our support service, from definition to design and production



#### SIM900

**Dimensions:**  
24mmx24mmx3mm



#### SIM900D

**Dimensions:**  
33mmx33mmx3mm  
Compatible with SIM300

### SIM900R

SIM900R is the low-cost version of SIM900 with the same foot print. SIM900R is suitable for price-sensitive applications.

- Dual-Band 900/ 1800 MHz SIM900R
- GPRS multi-slot class 10/8
- GPRS mobile station class B
- Compliant to GSM phase 2/2+
- SAIC (Single Antenna Interference Cancellation)



#### SIM900R

**Dimensions:**  
24mm x 24mm x 3mm

### SIM08

SIM08 is a high-performance host-based GPS module. It cooperates with SIM900 module.

- Serial interfaces UART or slave SPI (to SIM900)
- NMEA0183, ST Ericsson API air interface
- 42-channel
- High-performance STE engine
- Sensitivity- Tracking: -160 dBm, Cold starts : -146 dBm
- Operation temperature: -40°C to +85 °C

#### SIM900R

**Dimensions:**  
9,5mm x 12mm x 2,3mm

