

## 3G Industry Modem Datasheet

MODEL: GT-0688

last update on 2 May 2017



GT-0688 3G WCDMA Industry Modem is a based on GSM GPRS EDGE HSPA+ network platform, Support both 2G and 3G network. With industrial grade design, flexible connectivity, faster text messaging and 3G HSPA+ high-speed wireless Internet access.

GT-0688 can be used in many industries like finance, water conservancy, environmental protection, public security, oil, electricity, postal services, meteorology, telecommunications, transportation, etc.

### **Specification:**

- Model: GT-0688
- Standard RS232 & mini USB Interface
- Industrial 3G HSPA+ MODEM
- dual-band UMTS / HSPA+ 900/2100MHz
- Quad-band GSM / GPRS / EDGE 850/900/1800/1900MHz
- SIMCOM SIM5360 3G HSPA+ industrial communication module
- Product Measurement : 85x54x26mm
- Standard DB9 (RS232 standard 9-pin) Serial communications
- External input 12V DC
- Accessories: AC/DC adaptor, DB9 RS232 cable, USB cable, antenna, 2 mounting plates

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GT-0688 3G WCDMA modem is based on the SIMCom SIM5360E 3G modules.

**Features of SIM5360E 3G module:**

- Dual-band UMTS / HSPA+ 900/2100MHz
- Quad-band GSM / GPRS / EDGE 850/900/1800/1900MHz
- RS232 / USB interface
- GPRS multi-slot class 12
- EDGE multi-slot Class 12
- WCDMA 3GPP release 5
- Output Power
  - UMTS HSPA+1900/850: 0.25W
  - UMTS HSPA+2100/900: 0.25W
  - GSM850/GSM900: 2W
  - DCS1800: 1W
  - PCS1900: 1W
- Standby current: 56mA
- Working current: 100-140mA
- Working temperature: -30 to +80 degrees
- Storage temperature:-40 to +85 degrees
- Size 85\*54\*25mm
- Weight 100g

**Specifications for Data transfer**

HSPA+ : Max. 14.4Mbps(DL), Max.5.76Mbps(UL)

WCDMA : Max.384Kbps(DL), Max.384Kbps(UL)

EDGE Class : Max. 236.8Kbps(DL),Max. 236.8Kbps(UL)

GPRS : Max. 85.6Kbps(DL), Max. 85.6Kbps(UL)

**Specifications for SMS**

Point to point MO and MT

Text and PDU mode

**Other features**

USB Driver for Microsoft Windows 2000/XP/Vista/7/8