

# **SIMCom Wireless Solutions SIM7600E-H© module**

**The SIM7600E-H is Multi-Band LTE-TDD/LTE-FDD/HSPA+ and GSM/GPRS/EDGE module solution in a SMT type which supports LTE CAT4 up to 150Mbps for downlink data transfer**



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It has strong extension capability with rich interfaces including UART, USB2.0, I2C, GPIO etc. With abundant application capability like TCP/UDP/FTP/FTPS/HTTP/HTTPS/DNS, the module provides much flexibility and ease of integration for customer's application.

## Key features

- **TDD-LTE B38/B40/B41**
- **Control Via AT Commands**
- **USB Driver for Windows 2000/XP/Vista/Win7/Win8/Win10/CE**
- **Firmware update via USB**

## Additional features

### General features

- TDD-LTE B38/B40/B41
- FDD-LTE B1/B3/B5/B7/B8/B20
- UMTS/HSDPA/HSPA+ B1/B5/B8
- GSM/GPRS/EDGE 900/1800 MHz
- Control Via AT Commands
- Supply voltage range: 3.4V~ 4.2V
- Operation temperature: -40°C to +85°C
- Dimension: 30\*30\*2.9 mm
- Weight: 5.5g
- GNSS gpsOne Gen 8B;standalone;assisted,XTRA

### Specifications for Data transfer

- LTE CAT4
  - Uplink up to 50Mbps,
  - Downlink up to 150Mbps
- HSPA+
  - Uplink up to 5.76 Mbps,
  - Downlink up to 42 Mbps
- UMTS
  - Uplink/Downlink up to 384Kbps
- EDGE Class
  - Uplink/Downlink up to 236.8Kbps
- GPRS
  - Uplink/Downlink up to 85.6Kbps

### Other features

- USB Driver for Microsoft Windows 2000/XP/Vista/Win7/Win8/Win10
- USB Driver for Windows CE
- USB Driver for Linux /Android

- RIL supporting for Android/Windows CE
- Automatic installation for windows
- Firmware update via USB
- TCP/IP/IPV4/V6 Multi-PDP,MT PDP
- FTP/FTPS/HTTP/HTTPS/DNS
- DTMF
- MBIM to Win8
- Source code of the PC manager of the device for reference

## Interfaces

- USB2.0
- UART
- SIM card
- I2C
- Constant current sink
- GPIO
- ADC
- PCM
- SDIO

## Certifications (plan)

- ROHS
- REACH
- CE

## Applications

- Metering
- Telematics
- Asset tracking
- Remote monitoring
- Mobile PO terminal