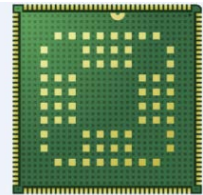


# LTE-FDD/LTE-TDD/WCDMA/GSM/GNSS smart module



## SIM8905E

SIMCom presents an ultra compact and reliable wireless module SIM8905E which is based on Qualcomm MSM8909 multiple-mode LTE platform. SIM8905E is a complete multi-band LTE-FDD/LTE-TDD/WCDMA/GSM/GNSS smart module designed with very powerful processors, allowing customers to benefit from small dimensions and cost-effective product solutions with low power consumption in high-speed throughput.

## Smart Machine Smart Decision

### General features

- Six-Band LTE-FDD B1/B3/B5/B7/B8/B20
- Tri-Band LTE-TDD B38/B40/B41
- Quad-Band WCDMA B1/B2/B5/B8
- GSM/GPRS/EDGE B2/B3/B5/B8
- GPRS multi-slot class 33
- EDGE multi-slot class 33
- WIFI a/b/g/n and BT 4.0
- Supply voltage range: 3.4 ~ 4.4 V
- Operation temperature: -30°C to +75°C
- Dimension: 40.5\*40.5\*2.8mm
- Weight: 10.6g
- LTE FDD/TDD Rel-9 Cat4/Rel-10 Cat4
- GSM GSM R99,GPRS,EDGE
- GNSS GPS One Gen 8B;standalone;assisted,XTRA;

### Specifications for Data transfer

- LTE-FDD
  - Uplink up to 50Mbps,
  - Downlink up to 150Mbps
- LTE-TDD
  - Uplink up to 35 Mbps,
  - Downlink up to 130 Mbps
- WCDMA
  - Uplink/Downlink up to 384Kbps
- EDGE
  - Uplink/Downlink up to 236.8Kbps
- GPRS
  - Uplink/Downlink up to 85.6Kbps

### Other features

- 1080P video decode & 720P video encode
- USB Driver for Microsoft Windows 2000/XP/Vista
- USB Driver for Win7/Win8
- Android5.x/Android6/Android7

### Interfaces

- 2 Camera (MIPI)
- LCD (MIPI)
- Analog Audio (Microphone, Headset, Handset)
- USB 2.0
- UART
- I2C interface
- ADC
- Micro SD card interface
- Battery & Charger
- GPIO
- SPI
- RTC
- SDIO(SD3.0)
- 2 UIM Card Interface

### Certifications

- ROHS
- REACH
- CE

More about SIMCom SIM8905E  
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