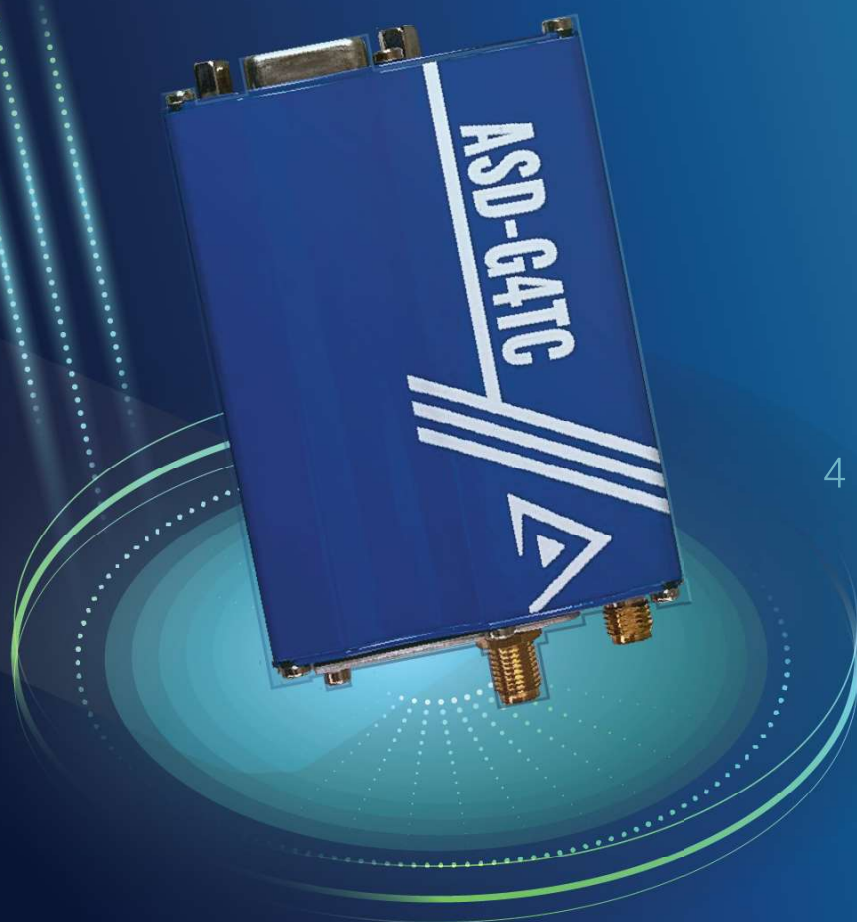




**ASD-G4TC**

4G-LTE MODULE

## HARDWARE

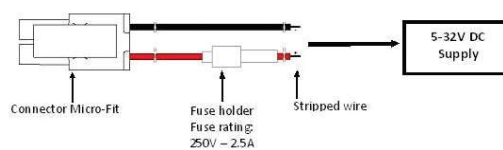
FRONT VIEW



BACK VIEW



POWER SOCKET PIN OUT



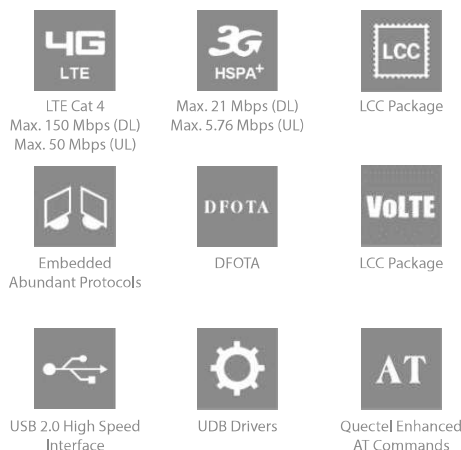
| Pin number | Name    | Funtion                             |
|------------|---------|-------------------------------------|
| 1          | ADC     | Analog input (5V max.)              |
| 2          | GPIO    | General Purpose I/O(2.8V max.)      |
| 3          | POWER - | DC power negative input (or ground) |
| 4          | POWER + | DC power supply positive input      |

### DB9 CONNECTOR PINOUT

1. Driver negative signal (D-).
2. Receiver negative signal (R-).
3. Ground (GND).
4. Driver positive (D+).

## FEATURES

- LTE Cat 4 module optimized for M2M and IoT applications
- Worldwide LTE, UMTS/HSPA+ and GSM/GPRS/EDGE coverage
- Support Delta Firmware Upgrade Over-The-Air (DFOTA)
- MIMO technology meeting demands for data rate and link reliability in modern wireless communication systems
- Super cost-effective



### CHIPSET

|                |                                                          |
|----------------|----------------------------------------------------------|
| Chipset module | Quectel EC200A Series IoT/M2M-optimized LTE Cat 4 Module |
|----------------|----------------------------------------------------------|

### MOBILE

|               |                                                                                          |
|---------------|------------------------------------------------------------------------------------------|
| Mobile module | LTE Cat 4 Max. 150 Mbps (DL) Max. 50 Mbps (UL), 3G Max. 21 Mbps (DL) Max. 5.76 Mbps (UL) |
|---------------|------------------------------------------------------------------------------------------|

### MONITORING & MANAGEMENT

|             |                                          |
|-------------|------------------------------------------|
| Status LEDs | 1 x connection type status LEDs          |
| SIM         | 1 x SIM slot (Mini SIM – 2FF), 1.8 V/3 V |
| Power       | 1 x 4-pin power connector                |
| Antennas    | 2 x SMA for LTE                          |
| RS232       | Analog input (5V max.)                   |
| USB         | 1 x USB C                                |

### PHYSICAL SPECIFICATION

|                        |                                            |
|------------------------|--------------------------------------------|
| Casing material        | Aluminum housing                           |
| Dimensions (W x H x D) | 74.5 x 25 x 64.4 mm                        |
| Weight                 | 130 g                                      |
| Mounting options       | Bottom and sideways DIN rail, Flat surface |

### OPERATING ENVIRONMENT

|                       |                           |
|-----------------------|---------------------------|
| Operating temperature | -35 °C to 75 °C           |
| Operating humidity    | 10% to 90% non-condensing |

### CERTIFICATIONS

|            |                        |
|------------|------------------------|
| Regulatory | Europe: CE*/UKCA*/RCM* |
|------------|------------------------|

#### 4. Driver positive (D+).

## WHAT'S IN THE BOX?

### STANDARD PACKAGE CONTAINS\*

- Gateway
- PSU
- 2x LTE antenna
- USB C cable
- 2x mounting rail
- RS232 connector



**4G-LTE GATEWAY**



**POWER ADAPTER**



**2X LTE ANTENNA**



**RS232 CABLE**



**USB-C TO USB-B CABLE**



**MOUNTING RAIL**