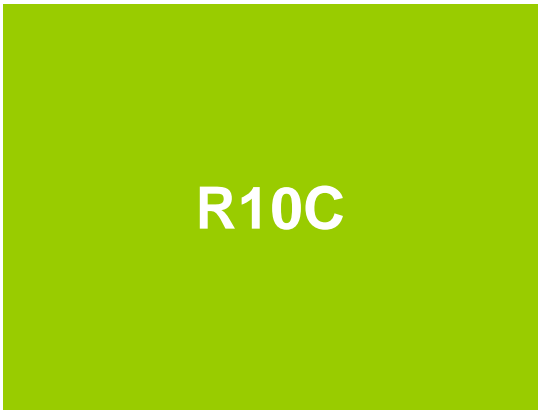
















LTE-TDD/LTE-FDD/WCDMA Cellular Module

R10C is a wireless module, which conform to PCI Express M.2 3042 specification, and support many kinds of applications which can work on LTE-TDD/LTE-FDD/WCDMA network.

On LTE-TDD network, R10C enables connect to the Internet at DL data speed up to 130Mbps and UL data speed up to 30Mbps. On LTE-FDD network at speed up to 300Mbps DL and 50Mbps UL, in the area where LTE service are not available, R10C still enables reliable and secure data connect over WCDMA network.

R10C can provide as well as high speed wireless access. It can be designed in many kinds of applications. Such as Data card, Video monitor, Tablet, Electric-book, MID, Vehicle equipment, etc.



- | | | |
|--|--|--|
|  LTE-TDD/LTE-FDD |  M2M application |  PCI Express Mini Card Standard Interface |
|  Receive diversity |  Router application |  RoHS compliance |
|  AT Command |  USB 2.0 interface |  Windows XP/Vista/7/10 operating system |
|  Surveillance application |  UART interface |  Linux operating system |
|  Laptop application |  GPS | |

Talk Straight

Accountable

Simplicity

Open-minded

Courageous



R10C

LTE-TDD/LTE-FDD Cellular Module

General features:

- Output power:
 - Class 3 (0.25W) for LTE / WCDMA
- Control via AT commands
(3GPP TS27.005/3GPP TS27.007)
- Supply voltage range 3.1V-3.5V
- Low Power consumption
 - Sleep mode: 4.5mA
 - Power down: 200 μ A
- Dimensions: 40.0x30.0x2.3mm
- Temperature range
 - Normal Operation: -20°C to +60°C
 - Restricted Operation: -30°C to +75°C
 - Storage Operation: -40°C to +85°C

Specifications for SMS:

- Point-to-point MO and MT
- Text and PDU mode

Band Configuration:

- LTE-TDD Quad-band
 - Band 38/39/40/41
- LTE-FDD Tri-band
 - Band 1/3/8
- WCDMA Dual-band
 - Band 1/8

Specifications for data:

- Support Release 10 Category 4
- LTE-TDD up to 130 Mbps DL, 30 Mbps UL
- LTE-FDD up to 300 Mbps DL, 50 Mbps UL
- WCDMA up to 42Mbps DL, 11Mbps UL
- Non transparent mode
- PPP-stack
- FOTA
- TCP/IP
- NDIS

Interfaces:

- RF connector
- PCI Express M.2 3042 Card Interface
- Power supply
- USB 2.0 high speed
- SSIC
- eSIM
- POWER_OFF
- RESET
- W_Disable
- DPR
- WAKE_OUT

Approvals:

- CCC
- CTA