

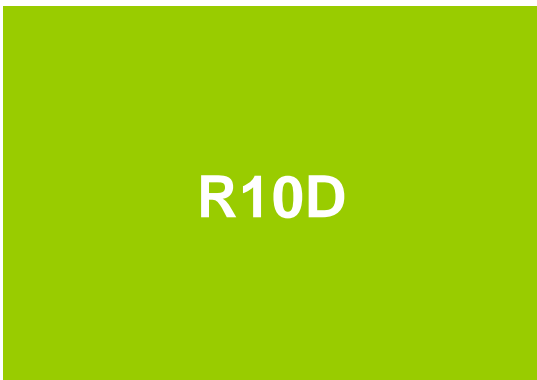


LTE-TDD Cellular Module

R10D is a LTE-TDD wireless module, which conform to PCI Express M.2 specification, and support many kinds of applications which can work on LTE-TDD network.

R10D enables connect to the Internet at DL data speed up to 130Mbps and UL data speed up to 30Mbps.

R10D 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	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	



R10D

General features:

- Output power:
 - Class 3 (0.25W) for LTE-TDD
- 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: 42.0x22.0x3.65mm
- Temperature range
 - Normal Operation: -20°C to +60°C
 - Restricted Operation: -30°C to +75°C
 - Storage Operation: -40°C to +85°C

Band Configuration:

- LTE-TDD Quad-band
- Band 38/39/40/41

Specifications for data:

- Support Release 9 Category 4
- LTE-TDD up to 130 Mbps DL, 30 Mbps UL
- Non transparent mode
- PPP-stack
- FOTA
- TCP/IP
- NDIS

Interfaces:

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

Approvals:

- CCC
- CTA

Specifications for SMS:

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

www.longsung.com

LONG  UNG

LONGSUNG TECHNOLOGY(SHANGHAI) CO., LTD.
Add: Rm 606, Building #1-A, No.3000 Longdong Avenue,
Pudong District Shanghai, China
ZIP: 201204
Tel: +86-21-5080 9688
Fax: +86-21-5080 8118