

N10

small GSM/GPRS Module



有物联 方智能

GET CONNECTED GET SMART



Operating temperature
-40 to +85°C



Quad-band



GPRS
Class 12



Low power
consumption

Neoway®

N10

N10 is one of the smallest GSM/GPRS modules. It is ideal for M2M applications such as MID, POS, security monitoring and AVL.

Specifications

- Quad-band: 850/900/1800/1900 MHz
- GPRS Multi-slot Class 12
- Compliant to GSM phase 2/2+
Class 4 (2W)@850/900 MHz
Class 1 (1W)@1800/1900 MHz
- RX sensitivity: -107 dBm
- 3GPP Release99 compliant
- Control via AT commands:
GSM 07.07 ,07.05 and
Neoway enhanced AT Commands
- Integrated TCP client & server, UDP,
PPP, FTP, DNS, HTTP, PING, NTP
- CMUX 3GPP TS 27.010
- Supply voltage: 3.5 to 4.3 V (DC),
3.9 V recommended
- Sleep current: less than 1.1 mA
- Package: LCC, 64-pin, pitch 1.0 mm
- Dimensions: 23.5 mm * 17 mm * 2.2 mm
- Operating temperature: -40°C to +85°C

Features

- GPRS: Max. 85.6 Kbit/s
- Coding scheme CS1~CS4
- Mobile Station Class B
- USSD
- SMS: TEXT/PDU
Point to Point/Cell Broadcast
- Voice: FR, HR, EFR and AMR

Highlights

- Embedded SMD SIM Card (Optional)
- Firmware update via UART/USB
- Max 128Mb Flash memory (Optional)

Enhanced Features

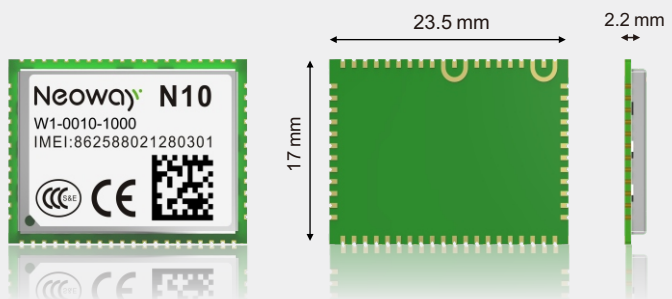
- CMUX
- LBS

Certifications

- SRRC
- CCC
- CE
- FCC
- RoHS

Interfaces

- Power, On/Off, Reset
- Main UART with TXD, RXD, DTR and RING
- SIM card interface: 1.8 V/3 V
- Audio
- ADC



Neoway Technology Co., Ltd.

4F-2#, LianJian Science&Industry Park, Huarong Road, Longhua sub-district, Shenzhen 518100 P.R.C
Tel: +86-755-2967 1361 Fax: +86-755-2967 2566

Copyright © 2018, Neoway Technology Co.,Ltd. All rights reserved.



Product inquiry: sales@neoway.com
Technical support: support@neoway.com
For more information, please visit www.neoway.com