GP-D520

4G wireless DTU



Introduction

GP-D520 wireless data transmission terminal equipment is an industrial grade 4G all network communication DTU product developed by Opsonko. Through 4G network communication, the equipment can easily realize the two-way transparent data transmission from serial port to network. The data transmission terminal equipment has RS232 and 485 Dual serial port design, the equipment adopts flexible industrial terminal interface connection mode to connect with terminal equipment, so as to realize 4G network communication between client terminal equipment and server.

Characteristic

- **Support TCP / UDP / PPP / IP mode**
- **Support wide voltage input**
- **Support permanent online, sleep mode and other working modes**

Hardware performance

CPU	High performance 32 bit embedded ARM processor
network	4G
Wireless parameters	TDD-LTE、FDD-LTE、EVDO、WCDMA、TDSCDMA、GPRS、CDMA

Software function

Working mode	Transparent data transmissionSupport real-time and always online data transmissionSupport automatic connection after dropping the lineSupport call wake-up function
device management	Support local tool configuration management

Interface and power supply

Communication interface	Support RS232 / 485 communication
Power interface	2.1 core power head / terminal interface (VIN / GND) 3.5mm
Antenna interface	Standard SMA female antenna interface, characteristic impedance 50 Ω
power supply	DC power supply
Supply voltage	DC5V-DC24V
Working current	Power on 12v50maStandby 12v26maLaunch 12v60 ~ 150mAThe recommended power supply current is above 2V 850mA, i.e. 10W

Environmental and physical performance

Working temperature	-40 ~ 80℃
Storage temperature	-45 ~ 85℃
Humidity	5% ~ 95%
External dimension	75mm×72mm×18(length × width × height)
Installation and fixation	Fixed structure side installation mode
Special design	IP40 protection level, electromagnetic shielding, wind protection, sun protection, shock proof and heat dissipation design