SF-M200D Series
GSM/GPRS_DTU

Data:24/6/2015

78mm

55mm

INDUSTRIAL

Seriallink

GSM MODEM

GSM/GPRS DTU
RS485
RS232

RXD
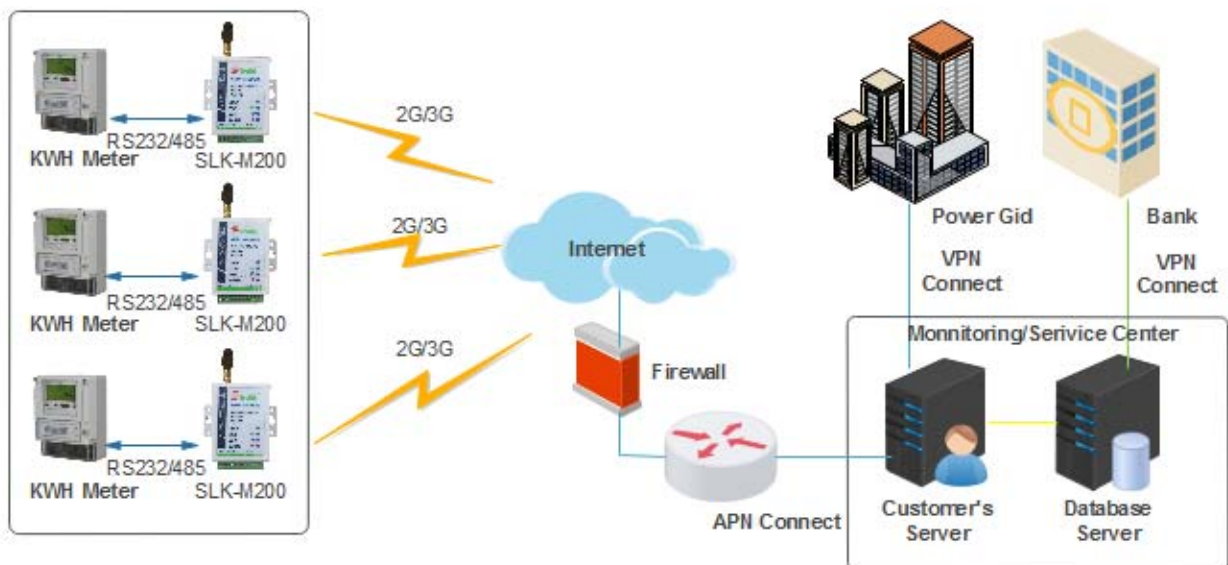TXD
LINK
POWER

12B RS485 RS232
+ - A B 1 2 3 4 5 7 8 9

Overview

DTU (Data Transfer unit)，Is dedicated to convert serial data to IP data or converts IP data to serial data transmission through wireless communication network of wireless terminal equipment.
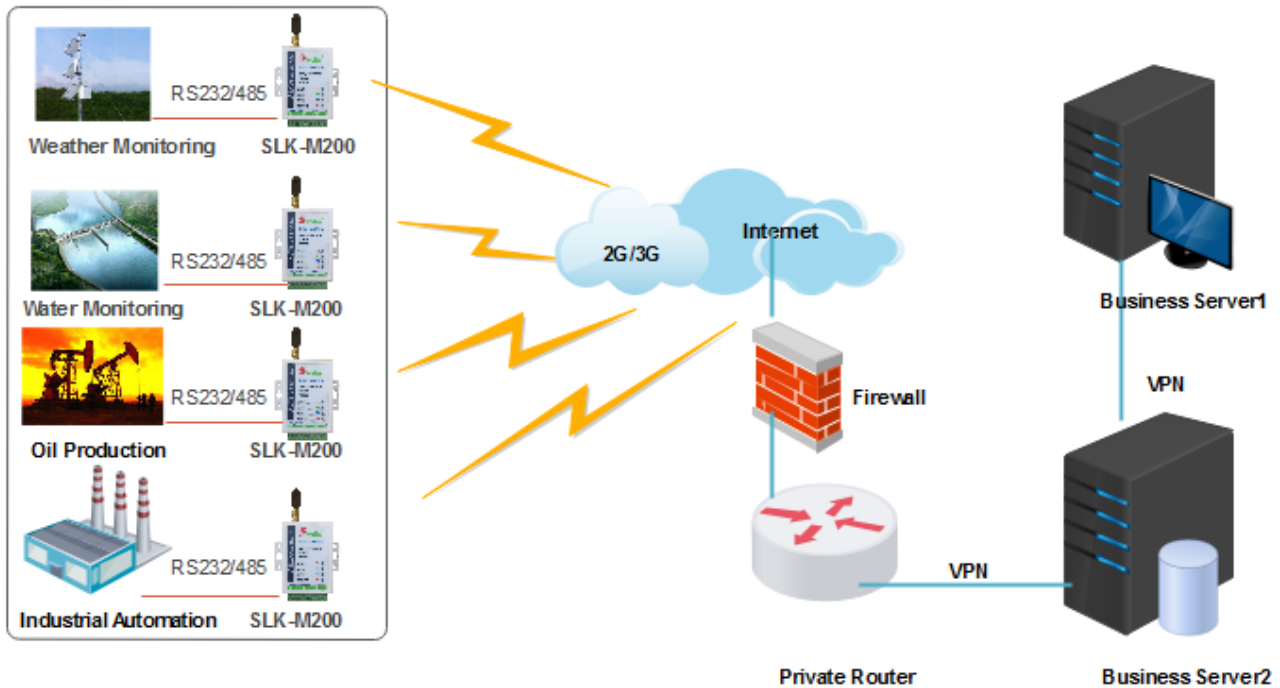
Slk-m200d series GPRS DTU adopts highly integrated, highly reliable GPRS communication module and low-power industrial-grade CPU. At the same time, the standard RS232 and RS485 interfaces are provided for user selection to meet the interface compatibility problems in different communication environments. The two serial ports also have industrial-grade protection requirements such as ESD, TVS and FUSE. In addition, you may choose whether or not you need a third standard product according to the actual needs. Wide voltage design, support dv5-28v for most industrial environment power supply.

Applications:

SLK-M200D DTU Application for power meter

SLK-M200D DTU application in meteorological monitoring, water conservancy monitoring, oil exploration, industrial automation and other fields:

Features:

- Adopting the industrial GPRS module, the signal is stable and reliable.
- Support TCPUDP full transparent mode data transmission or UDP full transparent mode data transmission。
- Design support - wide temperature 35 ℃ to 75 ℃
- Passed the CE/RHOHS certification
- Support heartbeat pack, equipment ID identification and other industrial environment common functions.
- 5 ~ 35V DC overwide voltage support.
- The dual-serial port design also supports the rs-232 / rs-485 interface.
- Multi-data center synchronous transmission.
- It can be configured remotely via SMS.

Parameters

Band	
2G	GPRS
Band	Supported GSM850/900/1800/1900MHZ
Serial Port	
RS232 Terminal Interface	Signal：TXD,RXD,DTR,RTS,CTS,RI,DCD bps：115200，57600，38400，19200，14400，9600，4800，2400 Verification Mode：EVEN，ODD，SPACE（0），MARK（1），NONE Stop bits：1 or 2bits
RS485 Terminal Interface	Signal：A,B(with TVS,ESD etc. Protection) bps：115200，57600，38400，19200，14400，9600，4800，2400 Verification Mode：EVEN，ODD，SPACE（0），MARK（1），NONE Stop bits：1 or 2bits
Protocol support	
	Supported TCP Client，UDP work mode Supported DNS，APN setting ，and two ip server address setting Supported Heartbeat packet，Device ID setting
Configuration	
	Supported AT command configuration and supply serial port tool Supported private configuration tool for configure and supported sms settings
Antenna	
	Default supply sucker antenna 3M long, and supply others type antenna
Gain	3db
SIM card	
SIM card	Supported 1.8V/3V sim card，drawer type slot
Power	
Input	Supported DC5~28V power in，default supply DC 12V/1A power adapter
Power Consumption	Standby: 260mA@12VDC
	MAX: 500mA@12VDC
	Average:320mA@12VDC
Physical Parameter	
Temperature	Storage Temperature: (-40°C to 85°C)
	Operating temperature:　(-30°C to 70°C)
RH	95% Maximum (Non-condensing)
Size(mm)	(L x B x H):78mm x55mm x 16mm
Weight	item:480g
Others	
Warranty	5 years Warranty
Package	GPRS DTU, Power adapter，Sucker antenna，User manual
Order Info.	SLK-M200D-GPRS