

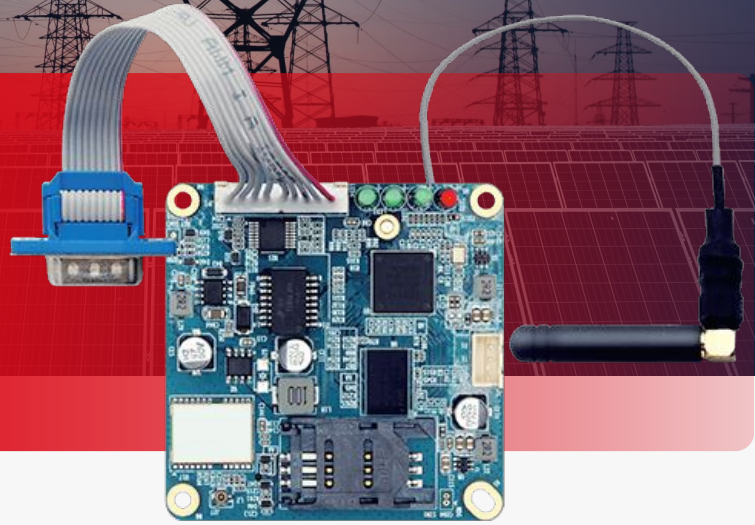


Connecting things
Hongdian

www.hongdian.com

H7710

4G internal modem



Overview

H7710 4G internal modem is an industrial-grade data transmission terminal, mainly used in the electric industry. It supports GPRS/GSM/WCDMA/LTE/NSA/SA power private network, providing standard RS232 interfaces. It also supports GPS/BD positioning function which sets up a wireless communication link for customer devices and data service center (platform).

Highlights



Support IEC101, 104 protocol transmission



Independent service channel and management channel

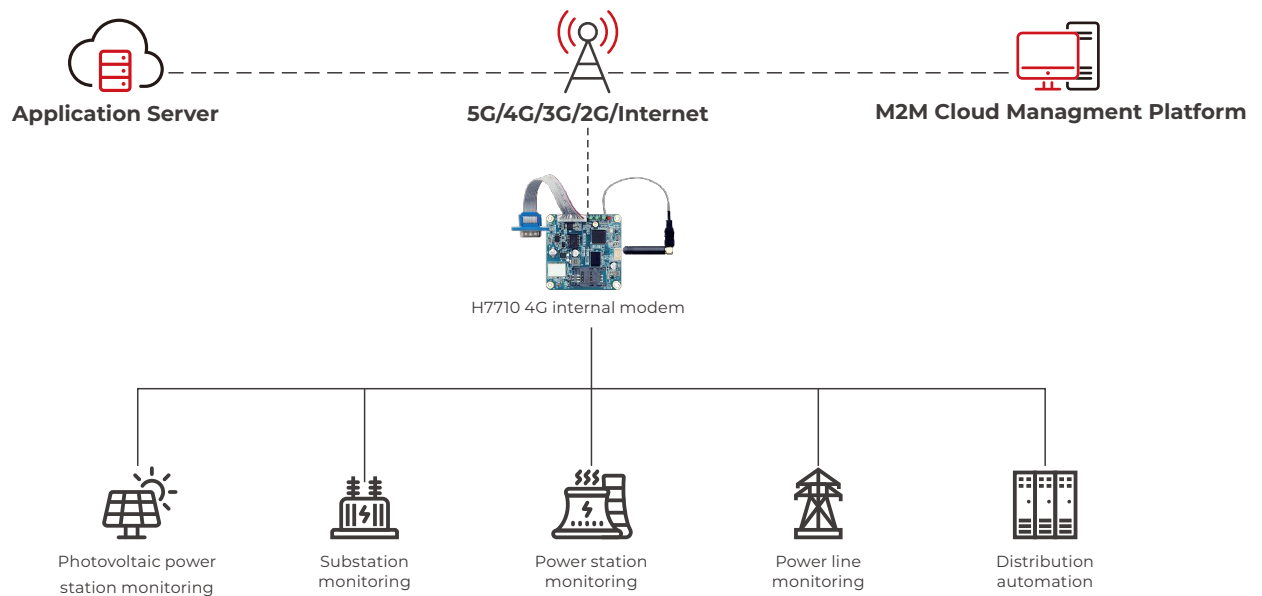


Embedded design with low power consumption



Comply with EMC, CCC standard design

■ Topology diagram



Photovoltaic power station monitoring



Power lines online monitoring



Distribution automation



Electric power rural network transformation

■ Features



Support GPS/BD positioning



Built-in watchdog, automatic recovery of running faults



Support multiple channels online at the same time



Support parameter backup and import

Specification

Network	
4G/3G/2G, 5G optional	
Interface	
Antenna Interface	IPX
SIM	1.8V/3.0V
Serial Port	RS232
9 Pin Terminal	2.5mm
RJ45	LAN, 10/100Mbps adaptive
Button	Reset
OTG	Micro-USB
Power Supply	
Operating voltage	+9V~+36V DC
Power Consumption	
Standby Power Consumption	Approx. 20mA@24V DC
Operating Power Consumption	Approx. 50mA@24V DC
Maximum Power Consumption	Approx. 80mA@24V DC
Other	
Weight	Approx. 60g
Size	65mm×65mm×21mm
Storage Temperature	-40 ~ +85 °C
Expanding Temperature	-40 ~ +80 °C
Operating Temperature	-40 ~ +70 °C

Appearance

