



Connecting things
Hongdian

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H6210

4G BLE Intelligent Controller



Overview

The H6210 BLE 4G intelligent controller supports custom protocol collection and control, docking various IoT platforms which can carry out device remote control, parameter control, short-distance communication, environmental status collection and other functions. It's suitable for all kinds of traditional MCU market, logistics cold chain, large-scale warehousing, industrial manufacturing and other industries. It adopts the design of main and sub-boards, and the motherboard integrates Bluetooth short-range communication. It also supports a variety of custom development that various IoT applications can be quickly implemented.

Highlights



Wide voltage input 5-36V



Support LTE Cat.1

Support Bluetooth(Optional)

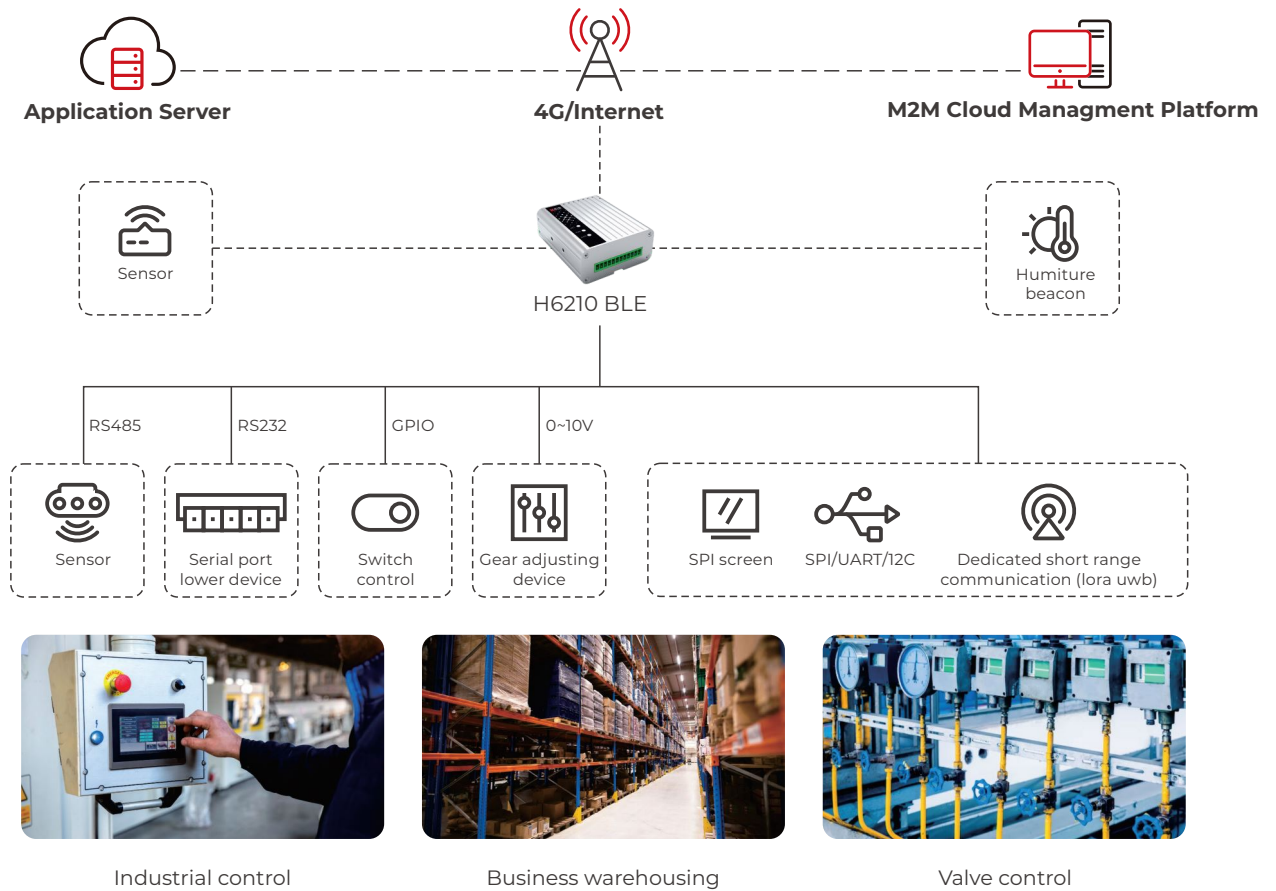


Support 0-10V analog output



Compact size

Topology diagram



Features

 **Support rails**

 **Support protocol analysis**

 **Main and sub board design,
reserved for SPI i2c TTL**

 **Support abnormal reset of the
modem or USB**

Specification

Network Format			
Cat. 1	LTE FDD: B1/B3/B5/B8, TD LTE: B34/B39/B40/B41		
Interface			
Antenna Interface	SMA-K (female connector)	4G antenna *1, Reserve a second network antenna according to actual needs.	
SIM Card	External Mircro physical card	Optional built-in 5 * 6mm eSIM patch card	
External Terminal 12pin	RS485 *1		
	GPIO *2		
	RS232 *1		
	AVOUT *1	0-10V	
Internal Terminal 18pin	SPI*1	1.8V	
	TTL*1		
	5V*1, 3.3V *1, 1.8V *1	Used to supply power to the auxiliary board	
	I2C*1		
Others			
working Voltage	5-36VDC	LED Indicators	3 indicators for NET, PWR, DATA
Overall Power Consumption	Idle power consumption: approximately 12V/50mA, Power consumption during operation: approximately 12V/130mA		
Dimension	77.4×65.3×29.7mm	Weight	About 160g (including shell and wire)
Working Temperature	-25 ~ +70 °C	Storage Temperature	-40 ~ +85 °C
Relative Humidity	0% -90% relative humidity, no condensation		

Appearance

