



H6212

Intelligent Controller



Overview

H6212 adopts a Cortex-A7 architecture quad-core 1.3GHz processor, integrated with Mali-400MP2 GPU. It has excellent computing and graphics processing capabilities with onboard 2-way USB and 1-way OTG. It is mainly used in lightweight AI or customer-customized development scenarios and supports HDMI output display simultaneously.

Highlights



**Cortex-A7 architecture quad-core
1.3GHz processor**



Cat.1 network

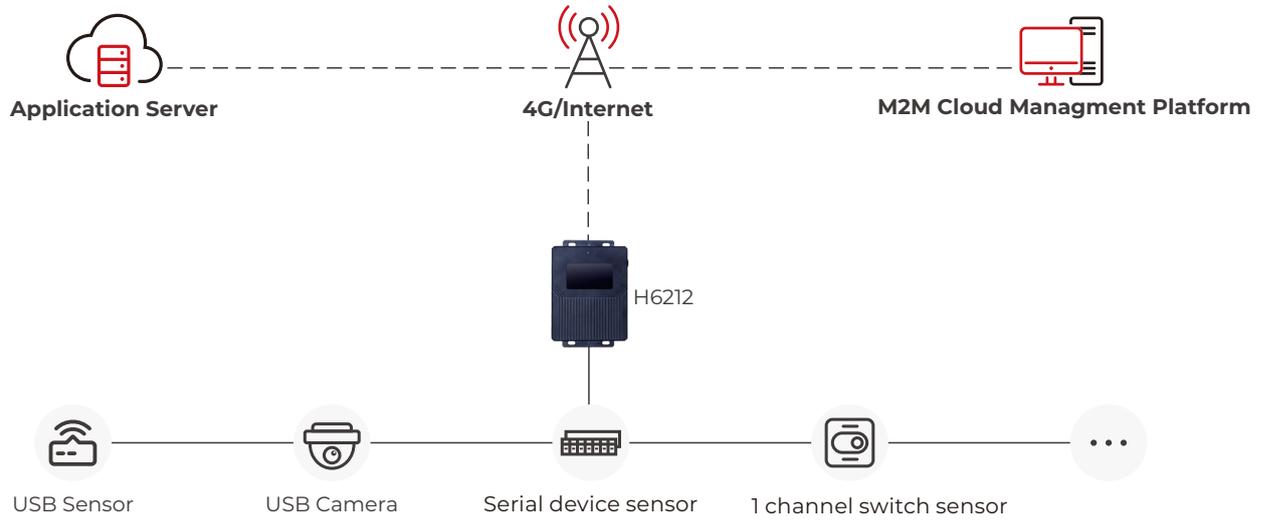


**Support Docker Deployment
support cloud management**



**Compact size,
Support HDMI display**

Topology diagram



Merchandise display



Advertising display



Traffic statistics

Features



Support OTG port sharing or access to network



Support HDMI video output



Support platform remote upgrade and management



Support abnormal reset of the modem or USB

Specification

Network	2G/4G		
Port			
Antenna Interface	SMA	SIM	1.8V/3.3V
TF	Data storage	Button	Support RESET
Serial Port	One way RS-232(RS-485 optional), 4pin Wafer interface		
Serial Data Rate	RS-232 (300-115200bps), RS-485 (300-115200bps)		
USB Port	1*USB 2.0 OTG, 5pin Wafer pot, 2*USB 2.0 Host, Double USB-A socket		
Audio Port	1*2 pin Wafer port (no more than 3W)	Video port	1*HDMI OUT
Operating energy consumption			
operating Voltage	+12V DC Support anti-reverse connection (2pin Wafer)		
Idle Energy Consumption	About 120mA @12V DC		
Operating Energy Consumption	About 300mA @12V DC		
Maximum Energy Consumption	About 350mA @12V DC		
Others			
Operating temperature	-30°C ~ +70°C	Storage Temperature	-40°C + 85°C
Relative Humidity	≤90% without condensation	Weight	500g
Size	126.00*84.70*14.7(mm), Without power cable connector and bracket		

Appearance

