

## [Features]

- Software upgrade globally in minutes
- Convenient to manage: no need APP, direct monitoring via the web
- Set up channels with Chinese names, multiple languages interface available
- Dual-power with 5VDC battery and USB power jack available
- Ring before sending SMS / reset notification / abnormal continuous resend mechanism
- SMS message and alarm for power outages and restoration, in channel names  
 \ data \ status and event occurred time
- Historical/trend charts and data display and download from USB via the web
- Can input analog and RS-485 Modbus sensors, can mix and match
- With 6 sets AI input, expendable to 30 output channels
- SIM card-automatically browse installing /searching/service status in dynamic graphing
- Set up channels in name/measurement range/unit/bias/slope/HH/H/L/LL alarm
- Set up 20s mobile numbers, 2-stage group management, and specified contact person.
- SMS message and alarm for power outages and restoration, in channel names  
 \ data \ status and event occurred time
- Optional Bluetooth function, quick installation, free of engineering



**[Applications]** Mobile inspection, air pollution/noise/water quality inspection, water level warning, gas leakage, water gate/groundwater monitoring, unmanned monitoring station, facility agriculture

**[Optional code]**      16      - [Code1] - [Code 2] - [Code 3] - [Code 4]

Code 1	Record mode/ AI module	Code 2	SMS module	Code 3	Installation	Code 4	Battery
NN	No USB record No AI function	N	None	W	Wall hanging	N	Without adapter
N	No USB record With AI function	4G	4G with built-in antenna	R	Aluminum track	AC12	DC12V/2A adapter
ND	Can USB recordable No AI function	4GO	4G with external antenna	M	Magnet	AC24	DC24V/1A adapter
D	USB recordable With AI function						

## [Specification]

Power	♦DC 9~36V ♦Power consumption : 10.6 W	
Environment	Operating temp	-10°C~60°C (14°F~140°F)
	Storage temp	-20°C~70°C (-4°F~158°F)
	Operating RH	0~95 % RH non-condensing
Alarm output	common point alarms*2	With reset function
	Relay capacity	1 A / 5 VDC ※loading with Relay
Communication	Interface	RS-485*1 port/Ethernet
	Protocol	Modbus RTU/ Modbus TCP /Web Server
	SMS message	SIM card for 4G system
Signal input	Input point (AI)	AIX6 points
	input signal (AI)	4-20mA /DI/PT100 /mV with software
	Signal input (DI)	2 points
Display board	7 inch Chinese color touch screen/ historical and trend charts	
	Resolution 800 x 480	
Physical conditions	Dimension(mm)	235 x 185 x 119 (W×H×D)
	Weight	1.5Kg
	Installation type	Wall mounting
Housing	Material	ABS
	Waterproof and dustproof grade	IP65
Record(optional)	USB record · maximum to 64GB	
Software	USB reading	
Certificate	FCC PART 15 B AND CISPR 22 Class A · EN55022:2010:Class A · IEC61000-3-2:2005+A1:2008+A2:2009 · EN61326-1:2006 · EN61326-2-6:2006 IEC61000-4-2:2008 · IEC61000-4-3:2006+A1:2007+A2:2010 · IEC61000-4-4:2012 · IEC61000-4-5:2005 · IEC61000-4-6:2008 · IEC61000-4-8:2009 · IEC61000-4-11:2004	
Patent	R.O.C. Patent No.M340502/M474956/I501088 China Patent No.3968342/2514208/1211656	

## [Dimension]

