

[Features]

- All in one, easy to install, real time detection of IAQ and display on board
- Conformed to the laws and regulations of IAQ: record average in hours and display equivalent average each 8-hour
- Convenient management: no need APP, direct monitor via website
- Entire control interface: power switch and air damper control system
- Simply in one touch calibration process
- Convenient maintenance: hot pluggable, easy to replace LED Lights /temperature and humidity sensors/CO2 sensor
- Standard time adjustment: connecting adjustment automatically or multiple units at one touch
- USB recording function, you can download data in 30 seconds from the web page, and download trend graphs in 60 seconds, achieving global paperless management
- Software upgrade globally in minutes

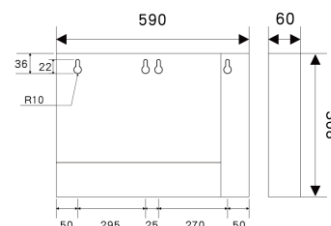


[Applications] Applicable to: IAQ public area, laboratory, office, station, airport, museum

[Specifications]

Power	Adapter	♦AC input : 100 ~ 240V(50/60Hz) ♦DC output : 24V maximum 1A c
	Equipment	♦DC input : 9 ~ 36V ♦Power consumption : 11.4 W
Working Environment	Operating temperature	-20~60°C
	Operating humidity	0 ~ 95%RH non-condensing
	Storage condition	-30~70°C
Alarm output	Relay output	3 points
	Relay contact capacity	90~250VAC≤1A
Communication	Ethernet	RJ-45 with web service function, protocol Modbus TCP
	Interface	RS-485 /RS-232*1port (JUMP1 of 2); RS-485 *1port
	Protocol	Modbus RTU
Signal output(AO)	Output point	3 points
	Signal output	4-20mA(AO, PID or output control manually)
Display Board	Display	2.3 inch Red LED
	Date/Week/Time	1.0 inch Yellow LED
	Display mode	Pres., 1H, 8H, 24H average (Each)
	Comfort Index	6 level LED indicator (meet the laws)
	Pollution Index	6 level LED indicator (meet the laws) or set up by self
Physical conditions	Dimension(mm)	590x 368x 30.2 (WxHxD)
	Weight	≤3kg
Housing	Material	Iron Cast painted
Record	USB record, maximum to 64GB	
Software	USB readout and graph software	
Certificate	FCC PART 15 B AND CISOR 22 Class A · EN55022:2010 Class A · EN61326-1:2006 · IEC61000-4-2:2008 · IEC61000-4-8:2009 · IEC61000-4-3:2006+A1:2007+A2:2010	
Patent	R.O.C. Patent No. M455143 ; M474956 ; M490090 China Patent No. 3110165 ; 3968342 ; 3968253	

[Dimension] mm



Sensors		
CO2	Detecting Method	NDIR
	Response time with suction	≤20 seconds
	Detection range	0~10,000ppm to 9,999ppm
	Accuracy	±30ppm ±2% of Reading
Temp.	Detection range	-40~100°C
	Accuracy	±0.4°C
	Repeatability	±0.1°C
	Detection principle	Resistive
RH	Detection Range	0~100% RH
	Accuracy	±3% RH
	Repeatability	±0.1% RH
	Detection principle	Capacitive
Response time	≤60 sec., depending on environment	