JNC IAQ Display   CTR230D

[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 record: download data from USB via website
- DHCP/DNS/PPPOE, Website browser historical and trend chart
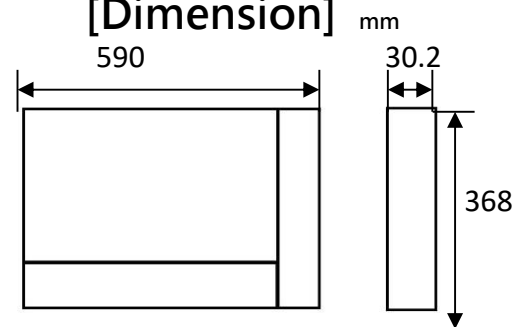- Software upgrade globally in minutes

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

[Specifications]

Power	24VDC w./power supplier, power consumption 0.5A (Input 100~240VAC, 50/60HZ; output 24VDC 1A)	
Working Environment	Operating temperature	-20~60℃
	Operating humidity	0 ~ 95%RH non-condensing
	Storage condition	-30~70℃
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 (JUMP 1of 2) RS-485 *1 port
	Protocol	Modbus RTU
	WiFi	(Optional)
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
	Mode	Pres.、1H、8H、24H average (Each)
	Comfort Index	6 level LED indicator (meets the laws)
	Pollution Index	6 Level LED indicator (meets the laws) or set up self
Physical conditions	Dimension(mm)	590x 368x 30.2 (W x H x D)
	Weight	≦3kg
Housing	Material	Stainless Steel
Record	USB record，maximum to 64GB	
Software	USB readout and graph software	
Certificate	FCC PART 15 B AND CISOR 22 C，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, China Patent No. ZL201220737008.2 R.O.C. Patent No. M474956, China Patent No.	

[Dimension] mm

590   30.2

368

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