

JNC 4-channel IAQ Display

CTR230-4

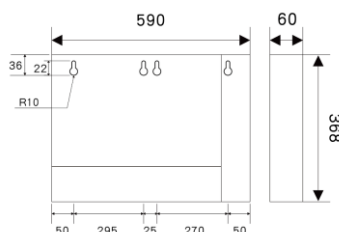
[Features]

- All in one is easy to install, monitored by plugging in the IAQ billboard
- Convenient management: no need APP, direct monitor via the web
- Entire control interface: with power switch and air damper control
- Simply in one touch calibration process
- Convenient maintenance: hot pluggable and easy to replace LED Lights/Temp&RH Sensors/CO2 Sensors
- Time calibration: multiple unified calibration or automatic connection calibration
- 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
- Monitoring temp/RH /CO2/PM2.5 simultaneously



[Applications] Applicable to: Shopping malls, office buildings, conference rooms, libraries, restaurants, hotels, schools, hospitals, families

[Dimension] mm



[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℃	
	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 (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		

Sensor							
Sensor	Range	T90	Operating temperature	Resolution	Accuracy	Warm- up time	Detection principle
Temp	-40~125°C	<60 S	-20~60°C	0.1°C	±0.4°C	10min	Resistive
RH	0~100%	<60 S	-20~60°C	0.1%	±3%	10min	Capacitive
CO2	0~10,000ppm	<120 S	0~50°C	1ppm	±30ppm ±2% of Reading	≤20s	Infrared
PM2.5	0~1000μg / m ³	<90 S	-10°C~65°C	0.1 μg/m ³	±10μg/m ³ ±5% of Reading	5min	Laser