

JNC 6-channel IAQ Display

CTR230-6

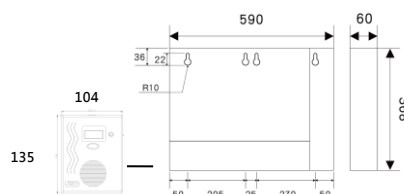
[Features]

- Conformed to the laws and regulations of IAQ: record average in hours and display average in each 8-hour
- 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 and any add on sensors
- Monitoring temp/RH/CO2/PM2.5/HCHO/CO simultaneously
- Software upgrade globally in minutes
- 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



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

[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°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	Item	CTR230-6	Sensors (HCHO/CO/PM2.5)
	Dimension(mm)	590x 368x 30.2 (WxHxD)	104x135x40 (WxHxD)
	Weight	≤3kg	128 g
Housing	Material	Iron Cast painted	ABS
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
HCHO	0.01~2.00ppm	<120 S	-10°C~50°C	0.01ppm	≤±0.02ppm±2% of Reading	10min	Electrochemical formula
CO	0~100ppm	<180 S	0°C~50°C	0.1ppm	±5ppm	10min	Electrochemical formula