



EE Product

Remote Control

Remote Product & Wireless Interface

1. Voice Control
2. Media Center PC Remote
3. Display Remote
4. Presentation Remote
5. PMD (Personal Media Display)
6. 3 in 1 Touch PAD Smart TV and all in 1 system

Proprietary



Main Customer



Remote Control

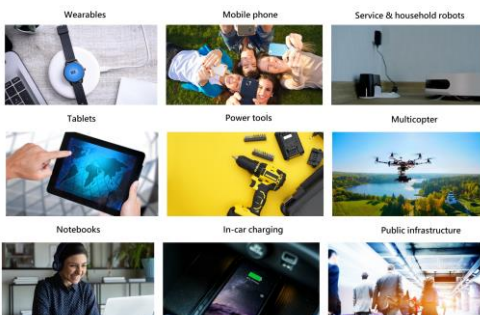
Wireless Charger



Digital controller for Qi certified wireless power transmitters

1. Compliant with WPC 1.2.4
 2. Power Class 0 BPP (5 W) and EPP (15 W)
 3. Power Tx design topologies MP-A2 and MP-A22
 4. Proprietary ST/iDT Super Charge extension for high power charging
 5. Support for half- and full-bridge topologies with input DC-DC
 6. operative range: 4.1 V to 24 V
 7. transmission efficiency can reach to 75%
- PS: Proprietary support to 30W .

Application:



Wireless Charger



Main Customer



EE Product

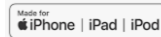
Mfi & HUB Peripherals

We shipped more than 5 million units worldwide and provided products on an OEM/ODM basis for Mfi & HUB Peripherals .

JPC engineers and markets connectivity accessories for the iPhone and iPad.we've participated in Apple's "Made for iPhone" (MFI) licensing program for more than 15 years.



Slim port and MHL dongle



Single and multi docking



Dex Cable



L2-DB9V 8-Pin Serial Cable with Lightning Connector



Mini Keypad & Type C Hub



Serial+Power Adapter for iPad



Gigabit-PoE Adapter with Lightning Cable

IOT Product

Advanced Wireless Technology

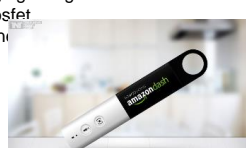
JPC has over 10 years of experience integrating and manufacturing IOT product . Reliable RF communication performance and customer usability experience
We shipped more than 10 million units worldwide and provided products on an OEM/ODM basis for IoT Peripherals

IoT Market Trend & Technology Requirement 4 Key Elements :

- 1.RF Solution (Networking/Telecom) : BT 4.2/BT 5.0 / Wifi / LTE / NB/IoT / Cat M. / Zigbee
- 2.Sensor : Humidity/Temperature/Air quality /Motion sensor/Lightbulb .
- 3.Power Manager : Battery Charging designer / Nano time /Ultra low leakage load switch



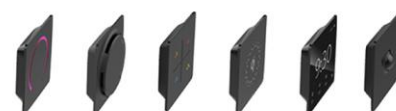
Dash Button



Dash



IR Blaster



iCube Multi Sensor Hub



Air Quality Monitor





IAQ Sensor Node

IAQ sensor node is a wireless device that continuously monitors indoor air quality. It measures temperature, humidity, CO2 levels, VOCs, and particulate matter, providing real-time data for homes, offices, and other environments. With its compact size and low-power consumption, it seamlessly integrates into existing systems. It helps ensure healthier indoor environments by enabling early detection of air quality issues and facilitating appropriate interventions for improved well-being.

PRODUCT TYPE

- RNT021 (TH, RH, Illuminance)
- RNB300 (PM1.0, PM2.5, PM10)
- RBN201 (TH, RH, AQI, PRESSURE)
- RBC330 (TH, RH, CO2)

PRODUCT FEATURES

- Factory calibrated
- Support IR Learning
- Open BLE connection API document for App/ Gateway development

PRODUCT SPECIFICATION

■ RNT021

	Temperature	Humidity	Illuminance
Measurement range	-40 to 120 °C	0 to 100% RH	0 to 62238lux
Accuracy	0.5 °C	3.5% RH	15%
Operating Principle	semiconductor	semiconductor	semiconductor

■ RNB300

	PM1.0	PM2.5	PM10
Measurement range	10 to 1000µg/m ³	10 to 1000µg/m ³	10 to 1000µg/m ³
Accuracy	10%	10%	10%

■ RBN201

	AQI	Pressure	Temperature	Humidity
Measurement range	0 to 500	300 to 1100hPa	-40 to 85 °C	0 to 100%RH
Accuracy	-	0.60hPa	1.0 °C	3%RH
Operating Principle	MEMS	MEMS	MEMS	MEMS

■ RBN330

	CO2	Temperature	Humidity
Measurement range	400 ~ 2000ppm	-40 to 100°C	0 to 100%RH
Accuracy	50ppm	0.2°C	1.8% RH
Operating Principle	semiconductor	semiconductor	semiconductor

PRODUCT SPECIFICATION

■ RNT021



■ RNB300



■ RBN201



■ RBN330



APPLICATION/MARKET

- Smart Home Air Quality Monitoring
- Optimizing Indoor Air Quality in Offices
- Enhancing Air Quality in Educational Institutions
- Healthcare Facility Air Quality Management
- Industrial Environment IAQ Monitoring
- Improving Air Quality in Commercial Buildings
- Hospitality Industry Indoor Air Quality Solutions
- Fitness Center Air Quality Monitoring
- Data Center IAQ Optimization
- Urban Planning and Public Space Air Quality Monitoring



Air Quality Transmitter

The Air Quality Transmitter provides sensing options included temperature, humidity, CO₂, PM_{2.5}, PM₁₀, TVOC measurements. Equipped with industrial standard RS485 Modbus RTU signal output, it is widely used in HVAC systems and BMS systems for acquiring the reliable indoor air quality measurement. The compact and minimal design make the sensor configuration more flexible and easier for the system integrator. The recommended height of installation is 1 to 2 meter(s) above the floor level.

PRODUCT TYPE

- AQM-WIDX-4
(TH, RM, PM_{2.5}, PM₁₀, CO₂, TVOC)

PRODUCT FEATURES

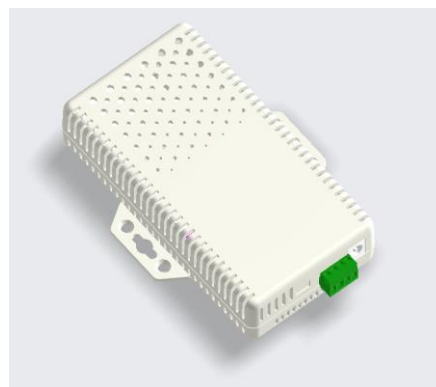
- Factory calibrated
- Modbus RTU
- RS485
- 5 ~ 12V wide voltage
- Open BLE connection API document for App/ Gateway development

PRODUCT SPECIFICATION

	Temperature	Humidity	PM _{2.5}	PM ₁₀	CO ₂	TVOC
Measurement range	-10 ~ 50 °C	0 ~ 95 %RH	0 to 1000µg/m ³	0 to 1000µg/m ³	0 to 2,000ppm	0 to 50ppm
Accuracy	± 0.3 °C	± 3 %RH	0 ~ 100µg/m ³ (±10µg/m ³), 100 ~ 1000µg/m ³ (±10%)	0 ~ 100µg/m ³ (±25µg/m ³), 100 ~ 1000µg/m ³ (±10%)	±50ppm and 5%	±5% FS
Operating Principle	CMOS	CMOS	Optics	Optics	PASens®	CMOS
	Sensirion SHT40	Sensirion SHT40	Sensirion SPS30	Sensirion SPS30	Sensirion SCD40	Sciosense ENS160
Date interface	RS485 / Bluetooth (option)					
Power	12Vdc ~ 24Vdc / 0.5A					
Operating Env.	0 to 50 °C / < 90% RH (Non-condensing)					
Size	85*65*28mm (TBD)					

PRODUCT SPECIFICATION

■ AQM-WIDX-4



APPLICATION/MARKET

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Air Quality Transmitter with 7" LCD Monitor

The real time monitor of multiple indoor air quality indicator. This monitor can provide the status of temperature, humidity, CO2, particulate matter (PM10), (PM2.5), total volatile Organic compound (TVOC) at the same time

PRODUCT TYPE

- AQM-Display
(TH, RH, PM2.5, PM10, CO2, TVOC)

PRODUCT FEATURES

- Using 7" touch TFTLCD screen, can install with wall-mounted or stand alternatively.
- Independent, sensor design, not simulated sensing value, can choice air factor according to demand.
- Special algorithm, each sensor can be calibrated independently..
- supports multiple communication protocol.
- Built-in memory to store the sensing data, the records can be easily downloaded to SD card.
- Built-in two sets of dry contact, which can be linked to HVAC equipment and improve the air quality in time. (TBD)

PRODUCT SPECIFICATION

■ AQM-Display



PRODUCT SPECIFICATION

	Temperature	Humidity	PM2.5	PM10	CO ₂	TVOC
Measurement range	-10 ~ 50 °C	0 ~ 95 %RH	0 to 1000µg/m3	0 to 1000µg/m3	0 to 2,000ppm	0 to 50ppm
Accuracy	± 0.3 °C	± 3 %RH	0 ~ 100µg/m3 (±10µg/m3), 100 ~ 1000µg/m3 (±10%)	0 ~ 100µg/m3 (±25µg/m3), 100 ~ 1000µg/m3 (±10%)	±50ppm and 5%	±5% FS
Operating Principle	CMOS	CMOS	Optics	Optics	PA Sens [®]	CMOS
	Sensirion SHT40	Sensirion SHT40	Sensirion SPS30	Sensirion SPS30	Sensirion SCD40	Sciensense ENS160
Date interface	RS485 / Bluetooth (option)					
Power	12Vdc ~24Vdc / 0.5A					
Operating Env.	0 to 50 °C / < 90% RH (Non-condensing)					
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