

Indoo Smart Classroom IoT Configuration List (Bluetooth)

Standard/Optional Configuration: (Example: ● Standard ○ Optional)

Product Name	Quantity	Unit	Brand	Example	Specifications & Functional Parameters	Remarks
Indoo LCD Control Panel	1	Set	Indoo	●	Touch control panel for each classroom; displays equipment status, temperature and humidity, air quality, device switches, etc.; one-click control	One per classroom
10-in-1 Sensor	1	Pc	Indoo	●	Detects classroom temperature, humidity, CO ₂ , PM2.5, PM10, formaldehyde, TVOC concentration, air pressure, altitude, and air odor level	One per classroom
Bluetooth Gateway	1	Pc	Indoo	●	Bluetooth BLE communication gateway; includes 1 network access, 12VDC power supply; provides data forwarding for Bluetooth IoT modules	One per classroom
Serial Control / Power Metering Module	1	Pc	Indoo	●	Detects power consumption of displays or projectors; measures voltage and current; RS232	One module per device



					control for device switching	
Air Conditioner Power Metering Module	1	Pc	Indoo	●	Measures power consumption of air conditioners; detects voltage and current	One module per device
Electric Curtain	-	Set	Indoo	●	Electric curtain drive motor	Configured as needed
Curtain Rail	-	-		●	Custom aluminum alloy rails based on window dimensions	
CRT (Curtain Remote Terminal)	-	-		●	Used with curtain motor; Bluetooth transmission control for opening/closing the curtain motor	
Lighting Control Module	1	Pc	Indoo	●	Button control for three-way lighting switches; supports wireless IoT control via mobile devices, tablets, or computers; enables remote control and status monitoring of lighting	One per 3-way switch; based on lighting configuration
WeChat Mini Program	1	Set	Indoo	●	Mobile interface showing device status in each classroom; monitors and controls temperature, humidity, PM2.5, air	One set per school



					conditioning, lighting, curtains; displays historical data in chart form	
Windows Big Data Management Platform	1	Set	Indoo	●	Windows-based IoT management platform; shows device status and controls for all classrooms; statistical charts for temperature, humidity, PM2.5; usage rates, energy consumption, etc.	One set per school
AI Voice Module	1	Pc	Indoo	○	Fully intelligent AI control system; supports voice wake-up and intelligent scene switching	One per classroom

