

IOT-S300NOIS

RS485 Modbus Noise Sensor with Range 30~120dB

The IOT-S300NOIS noise sensor is designed for the harmfulness of noise to the human body. Noise can cause changes in the auditory system and also affect non-auditory systems. Long-term exposure to relatively strong noise can cause pathological changes. It interferes with language communication, affects work efficiency, and even causes accidents

Features

- Wall-mounted shell, easy to install
- High measurement accuracy and fast response speed
- Range up to 30~120dB
- Communication method: Modbus RTU communication protocol, RS485 digital output



Scope of application

- Meteorological station (station), hydrological station
- Flood control, water supply dispatching, power station reservoir water regime management
- Agriculture, forestry and other related departments used to measure precipitation

Technical Parameters

Default range	30~120dB 20Hz~12.5kHz		
Signal output	Analog signal	4~20mA/0~5VDC/0~10VDC	
	Digital signal	RS485 output (Modbus protocol)	
Operating Voltage	10~30VDC Note: 0~10VDC output (24VDC power supply)		
Power consumption	Analog signal (voltage/current maximum power consumption 1.2W)		
	Maximum power consumption of digital signal 0.4W		
Precision	3%FS		
Frequency weighting	A weighting	Response time	≤2s
Mike wind	Condenser microphone	Electrical connections	Direct lead
Working environment	-20°C ~+60°C, 10%~90% (working humidity)		

Product size and wiring method

