

SZ3996B

**ZIGBEE wireless greenhouse dedicated temperature, humidity,
illuminance, soil moisture, soil temperature sensor**

User Manual

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SZ3996B using the standard ZIGBEE Wireless Communication Interface,easy access to PLC , DCS and other instruments or systems for monitoring Illuminance,temperature,humidity,soil Moisture,soil

temperature state quantities. The internal use of high-precision sensing core and related devices to ensure high reliability and excellent long-term stability, can be customized

RS232, RS485, CAN, 4-20mA, DC0~5V/10V, ZIGBEE, Lora, WIFI, GPRS and other output methods.

Technical Parameters

Technical parameter	Parameter value
Brand	SONBEST
Illuminance measuring range	0~65535Lux
Illuminance allow deviation	±7%
Repeatability test	±5%
Illuminance detection chip	Import digital
Wavelength range	380nm~730nm
Temperature measuring range	-30℃~80℃
Temperature measuring accuracy	±0.5℃ @25℃
Humidity measuring range	0~100%RH
Humidity accuracy	±3%RH @25℃
Moisture measuring range	0~100%
Moisture measuring accuracy	±3% @25℃
Moisture Temperature range	-30℃~80℃
Moisture Temperature accuracy	±0.5℃ @25℃
Communication Interface	ZIGBEE
Radio frequency	2.4G ISM
Network Type	Star network
Network capacity	65535
Power	DC9~24V 1A
Dimensions	Φ28.5mm×127mm

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