

WLAN

Parameter	Specifications
Frequency band	2.4 GHz: 2.4–2.4835 GHz
Gain	2.4 GHz: 2.85 dBi
Transmit power	2.4 GHz: 1 x 100 mW
Maximum throughput	2.4 GHz: 65 Mbit/s
Single/Dual band mode	Single
MIMO	2.4 GHz frequency band: 1T1R
Maximum number of online users	6
Polarization mode	Linear
Directivity	Multi-dimensional

9.2 Technical Specifications of the SmartModule

Device Management

Parameter	Specifications
Communications mode	RS485, ETH
Maximum communication distance	<ul style="list-style-type: none">• RS485:1000 m• ETH: 100 m

Common Specifications

Parameter	Specifications
DC power supply	<ul style="list-style-type: none">• DC 12 V: DC 2.0 power socket male connector• DC 24 V: cord end terminal
Power consumption	Typical: 4 W; maximum: 5 W
Dimensions (H x W x D)	<ul style="list-style-type: none">• Including mounting ears: 160 mm x 179 mm x 59 mm• Without mounting ears: 160 mm x 125 mm x 44 mm
Net weight	1 kg
Operating temperature	–40°C to +60°C

Parameter	Specifications
Storage temperature	-40°C to +70°C
Humidity	5%–95% RH
Ingress protection rating	IP20
Installation mode	Installed on a wall or guide rail
Maximum operating altitude	4000 m
Pollution level	Level 2
Corrosion level	Class B

Ports

Parameter	Specifications
Ethernet electrical port (GE)	4 PCS; 10M/100M/1000M auto-sensing
RS485 port (COM)	3 PCS; supported baud rates: 1200 bit/s, 2400 bit/s, 4800 bit/s, 9600 bit/s, 19,200 bit/s, and 115,200 bit/s
Power output port	1 PCS; DC output: 12 V, 0.1 A
Digital input (DI) port	4 PCS; supports only the access from relay dry contacts
PT port (PT)	Two PCS; supports the access of signals from a 3-wire or 2-wire PT100/PT1000 temperature sensor
Analog input (AI) port	4 PCS; AI1: supports 0–10 V voltage (passive); AI2–AI4: support 4–20 mA or 0–20 mA input current (passive)