



SSD-T series reader

RFID AI Ceiling-Mounted Reader can be used in retail stores, warehouses, libraries, and similar places. It can be installed at entrances/exits to scan incoming and outgoing RFID tags. Powered by Seekall's proprietary AI algorithm, it helps control the range of false alarms.

Data management

Supports synchronization with backend data and can store up to 3000 pieces of data.

Data resuming

Support data resuming after network disconnection

Tag Filtering

Supports up to 6 sets of EPC filtering rules; supports whitelist management, enabling local offline alarm control

Communication Protocol

It can simultaneously support IoT communication protocols such as TCP, HTTP, and MQTT

SPECIFICATIONS

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Model	SSD-T1G	SSD-T1H
Performance		
Frequency	840MHz ~ 960MHz, adjustable	
Protocol	EPC C1G2, ISO18000-6B/C	
Chipset	Impinj E710/X3M1	
Sensitivity	-85	
Antenna gain	9dbi	12dBi
Reading Distance	0-10 meters, differ for tags	
Tag Filtering	AI algorithm supported; 6 sets of EPC supported	
Functional features	In & out detection; audio and visable alarm （blue and red light）	
Stability	It supports the function of reporting the operating status of the device, and any internal hardware component failure will be automatically reported	
Data management	It supports synchronization with backend data, can store up to 300,000 pieces of data, and can be configured with either a whitelist or blacklist alarm mode	
Data resuming	Support data resuming after network disconnection	
Communication Protocol	It can simultaneously support IoT communication protocols such as TCP, HTTP, and MQTT	
Communication		
Communication	Ethernet or WIFI	
Ethernet（Standard）	10Mbit/s, 100Mbit/s	
WIFI(optional)	Frequency: 2.4G, wireless standard: 802.11 b/g/n, effective bandwidth: around 3MB/s	
Physical parameters		
Dimension	350*450*222mm	450*585*222mm
Material	Aluminum	
Installation Method	Fixed by four screw holes	
Power		
Power Supply	DC 12V/3A	
Environmental paramaters		
Operating temperature	-20 °C ~+60 °C	
Storage temperature	-40°C ~ +85°C	
Working humidity	5% to~ 95%, non-condensing	