



SSD-D series reader

It is a high-performance RFID reader designed and developed by Seekall. It uses Seekall high-performance RFID chip, supports ISO18000-6C/6B protocol and supports the extension of 4/8/16 external antennas.

It can also be equipped with one 485 interface, 3 GPO outputs, and 2 GPI inputs.

Multiple Size

3 sizes available for different use cases

Key board emulation

It Support key board emulation for easier tag information exporting

Customization

Logo can be customized

Plug and Play

Powered by use cable, no need driver or extra power supply

SPECIFICATIONS

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Model	SSD-D1AL	SSD-D3AL	SSD-D4AL
Performance			
Frequency	840MHz ~ 960MHz, adjustable		
Protocol	EPC C1G2, ISO18000-6B/C		
Chipset	Impinj E710/X3M1		
Sensitivity	-85		
Antenna gain	0dBi	11dBi	11dBi
Reading Distance	0-30 cm, differ for tags		
Writing distance	0-15 cm, differ for tags		
Working mode	Fixed frequency/frequency hopping optional		
I / O interface	2 inputs, 3 outputs		
Functional features	It support intensive reading and writing, antenna standing wave detection function, firmware online upgrade, tag data filtering, RSSI: perceived signal strength		
RF output power (port)	28dBm±1dBm (MAX)		
Output power regulation	1 dBm step		
Channel occupied bandwidth	< 200KHz		
Frequency stability	≤±20ppm		
Recognizing speed	>600 times / S		
Communication			
Communication	USB-HID		
Power consumption	20W (output power 33dbm)		
Physical parameters			
Dimension	180*157*20mm	370*327*26mm	600*365*34mm
Net weight	0.3kg	1kg	3kg
Material	ABS+PC		
Power			
Power Supply	Powered by USB cable		
Environmental paramaters			
Operating temperature	-20 °C ~+60 °C		
Storage temperature	-40℃ ~ +85℃		
Working humidity	5% to~ 95%, non-condensing		