



## Emagic Technology Co., LTD.

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### EM-RF3101 SPECS---Desktop RFID Card Reader

Physical Characteristics	
Dimensions	130*85*12mm
Weight	About 150g
System	ARM7
Colour	Black
Interfaces	USB port
Indicators	Beep or LED light flash
Key	power on/off
Communication	
USB	USB 2.0
Barcoding	
Not support	
RFID	
Frequency	865-868 MHz / 920-925 MHz / 902-928 MHz (customizable)
Protocol	ISO18000-6C (EPC global UHF Class 1 Gen 2 )
Read Range	max 0.2m (related to factors such as transmit power, antenna type, tag type and application environment)
Output power	0-30dBm (adjustable)
Antenna	2dBi circular polarized antenna (built-in PCB antenna)
working mode	Fixed/ hopping frequency, optional
Power	5V DC
Power Consumption	<1W
Working current	180mA @3.5V (26 dBm Output, 25°C)/ 110mA @3.5V (18 dBm Output, 25°C)
Other functions	
Not applicable	
Developing environment	
SDK	support
User Environment	
Operating Temp.	-10°C +70 °C
Storage Temp.	-20 °C~+70 °C
Humidity	5% RH - 95% RH non condensing
Accessories	
Standard	usb cable



## Applications



Parking lot Management



Automotive and Transportation



Personnel management



Logistic Management



Product Line Management



Library Book Management