



S120

## Features

- E310 chipset offer lower cost & higher performance
- Delicate and compact design, more friendly with end users
- Built-in Circular polarization antenna, writing & reading tag easily
- RF output power can be adjustable
- USB plug & play
- With protocol mode and HID keyboard output mode
- Support online update, data filtering
- Widely used in working station, document management, date issuing, retail cashier, access control, etc

# Specifications

## Hardware, OS and Firmware Management

API Support	Windows platform – .net
-------------	-------------------------

## Physical Characteristics

Dimensions	170*120*17mm
Weight	0.25kg
Housing Material	Die-cast aluminum / ABS cover
Visual Status Indicator	Power, Status

## RFID Characteristics

Air Protocol	ISO/IEC 18000-6C/EPC C1G2
Chipset	RF MAGIC QM100/IMPINJ RAIN RFID E310
Frequency	USA: 902 MHz-928MHz (FCC part 15)
	EU: 865-868MHz (ETSI EN 302208)
	CN: 920-925MHz (CMIIT)
Supportable /optional	<b>Russian / Japan / Korea / Malaysia / Thailand / other customizable</b>
Output Power	0~30dBm±1dB
Channel bandwidth	< 200KHz
Reading & Writing Range	Reading Range: 0-1m      Writing Range: 0-20cm (According to Tag & Environment)
Working Mode	Fixed/Hop frequency optional
Communication	USB Type C
Integrated antenna	Circular antenna
Power supply	USB cable

## Environmental

Operating Temp.	-20 - +70°C
Storage Temp.	-40 - +85°C
Humidity	5-90% non-condensing (+25°C)