



## RF Blaster

RF Blaster is the state-of-the-art RFID reader best optimized for individually identifying stacked items, driven by enhanced radiated power to penetrate deeper upto 7 meters.

It features sleek design as well as seamless data transfer via bluetooth 3.0(4.0) communication.



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# RF Blaster Specification Highlights

## Physical and Environmental Characteristics

Dimensions	171mm(L)x117mm(W)x40mm(D)
Indicator	3LED(Charging, Bluetooth, Power/Reading indicator)
Operating Temperature	-20°C to+50°C(-68°F to+122°F)
Storage Temperature	-30°C to+60°C(-86°F to+140°F)-w/o Battery
Humidity	95% non-condensing
Weight	230g

## Performance Characteristics

Processor	ATMEL AT91SAM7S256
System Memory	64KB SRAM/256KB ROM
User interface	Single Tone Buzzer, 3 LED indicator, Power Button, Reading Button, Reset Button
Extension Memory	8Mbit CMOS Serial Flash
Standard communication	USB 2.0 Full Speed
Battery	3.7V 2600mAh Lithium- Ion Battery Pack

## Network Characteristics

Wireless	Bluetooth Class Ver3.0(SPP)
	Option Bluetooth Ver4.0(BLE)

## RFID Module

Chip	Indy R2000 UHF Gen2 RFID reader Chip
Radio Frequency	902MHz~928MHz
Tag Support	EPC UHF Class1 Gen2 / ISO18000-6C

## Antenna Characteristics

Frequency	902MHz~928MHz
Impedance	50ohm
VSWR	1.5:1
Polarization	Linear
Peak Gain	3.5dBi(Horizontal)
Beam Width	120Deg.

## Regulatory Approvals

## Optional Accessories