

# RFR900S



## RFR900S Series Specification

PHYSICAL CHARACTERISTICS		WIRELESS PAN	
Dimensions (L x W x D)	146.2 X 70 X 134.8 mm	Bluetooth	Bluetooth V2.1+EDR, Class 2
Weight	310g	DATA CAPTURE	
Power	User replaceable Battery Standard 3.64V, 3050 mAh Extended 3.64V, 4,000 mAh	Scanning	1D&2D imager
Notification	5 LED and audible tone	USER ENVIRONMENT	
User Input	Trigger, 2 push button switch (Mode Change, Power)	Operating Temp	-20°C to 60°C / -4°F to 140°F
RFID PERFORMANCE		Storage Temp	-30°C to 70°C / -22°F to 158°F
Standards Supported	GEN2 V2	Charging Temp.	0°C to 45°C / 14°F to 113°F
Fastest Read Rate	900+ Tags/sec	Humidity	95% non-condensing
Nominal Read Range	20+ ft./ 6+ m	Drop Spec.	1.2m / 4 ft. drop per MIL-STD 810G
Frequency Range / RF Output	US: 902-928 MHz EU: 865-868 MHz JP1: 916-921 MHz, JP2: 916~923 MHz CN : 920.5-924.5 MHz Russian Federation: 866-868 MHz	Tumble Spec.	1000 drops (500 tumbles, 1.6 ft./0.5 m) at room temperature
Batch Mode Memory	Store 40,000+ RFID Tags	Sealing	IP52
COMMUNICATION		Electrostatic Discharge (ESD)	+/-15kVdc air discharge, +/-8kVdc direct discharge, +/-8kVdc indirect discharge
Physical Interface	UART/USB	* Specification subject to change without notice	