

# CORDLESS LASER

## 1D Wireless Gun Type Handheld Scanner

### ATS - RF250D

Resolution of 3mil



- Batch modes: out of range notice; 2,000 barcode storage
- Up to 250 meters work range.
- Strong gun type design for tough working conditions
- 1400mAh Li + battery up to 160,000 scans per charge
- Customized decode resolution model of 5 mil
- 433MHz ISM frequency band
- Scan range 500mm

### ATS-RF250D

1D Wireless Gun Type Handheld Scanner



**ATS-RF250D Handheld unit**

Description	
Laser :	650nm visible laser diode
MCU CPU :	32bit CPU Processor
Decoding rate :	200 time/sec
Scanning angle :	±60°, ±65°, ±42°(Skew, Pitch, Roll)
Decode capability :	All major 1D barcode symbologies including Gs1 DataBar variants
Indicator :	Visual, Audio
Operating mode :	Handheld,
Decoding depth & Max. resolution :	3mil : 5-50mm 10mil : 10-85mm 13mil : 10-150mm 16mil : 25-165mm
Physical	
Dimensions :	17.0(H)*7.0(W)*8.3(D)cm
Weight :	201g
Case material :	Fire-retardant ABS+TPU
Power	
Input voltage :	4.75 VDC - 6.5 VDC
Operating Current :	12mA (standby) : 90mA (scanning) ; 150mA(transmitting)
Standby time :	Over 7 days
Read per charge :	Over 160,000 scans per charge
Working range :	Up to 200 meters (open air)
Radio Link :	430.5~432.0MHz,433.05~434.79MHz with adaptive frequency hopping
Battery :	1,400 mAh Lithium-ion battery
Charge time	Fully charged(>80%) in 3.5 hours
Regulatory	
Safety Approve :	EN60825-1, Class 1, EN 55022, EN 55024, EN 60950-1, IP52 Multiple 1.2m(3.9ft) drops tp concrete
Environmental	
Temperature :	0° to 50°C, Operating: -40° to 60°C, Storage: -40° to 60°C
Humidity :	5% to 95% (non-condensing)



ATS-RF250D Cradle	
Input voltage :	5 VDC ± 0.25V
Cable :	Straight 2.0M(PS2) / Straight 1.5M(USB) / Straight 2.0M(RS232)
Dimensions :	21.3(H)*9.7(W)*7.5(D)cm
Weight :	189g(without cable)
Indicator :	Visual
Case material :	ABS
Temperature :	0° to 50°C, Operating: -40° to 60°C, Storage: -40° to 60°C
Humidity :	5% to 95% (non-condensing)
Drop specifications :	Unit functions normally after repeated 1.2m(3.9ft) drops tp concrete

#### AC/DC adaptor

Input :	100~240V AC, 0.3A, 50~60Hz
Output :	5 VDC, 1~1.4A
Temperature :	0° to 50°C, Operating: -40° to 60°C, Storage: -40° to 60°C
Humidity :	5% to 95% (non-condensing)

Specification are subject change without notice