



# LT7100 RF Terminal Specifications

Model	Description	Interface	Cables
LT71xxx	RF Terminal with Integrated Laser Scanner	Requires B50x1 Base Station	C25 Micro USB Cable
B5011	RF Base Station	RS-232 Serial	C21 USB Cable, F36 9-pin Serial cable, F34 25 pin Serial cable

## Operational

Light Source	650 nm Laser Diode
Scan Speed	104 scans/sec Bidirectional
Scan Angle	47° ± 3°
Minimum Bar Width	2.5mil (.064mm) PCS 90%
Print Contrast	Min 20% absolute dark/light reflectance at 650 nm
Bar Codes Supported	Code 39, Full ASCII Code 39, UPC-A, UPC-E, EAN-13, EAN-8, ISBN, Code 93, 2 of 5 Standard, ITF Interleaved 2 of 5, Codabar, Code 128, UCC/EAN 128, GS1-128, MSI, Plessey, GS1 DataBar
LCD Display	15 line, 26 character per line Color TFT LCD Display
Operating Range	Up to 3.3 Miles from B5001 Base
System Interface(s)	B5011 USB/Serial Base or B5012 Ethernet Base
Scanner Interface(s)	Integrated Laser Scanner
Other Interfaces	Micro USB Connector for Recharging & Updates

## Physical

Height	6.0" (152mm) + 1.1" (26mm) Antenna
Depth	1.125" (29mm)
Width	3.8" (97mm)
Weight	10 oz. (285g)
Cable for B5011 Base	C21 USB Cable, F34 9 pin Serial Cable, F34 25 pin Serial Cable

## Power

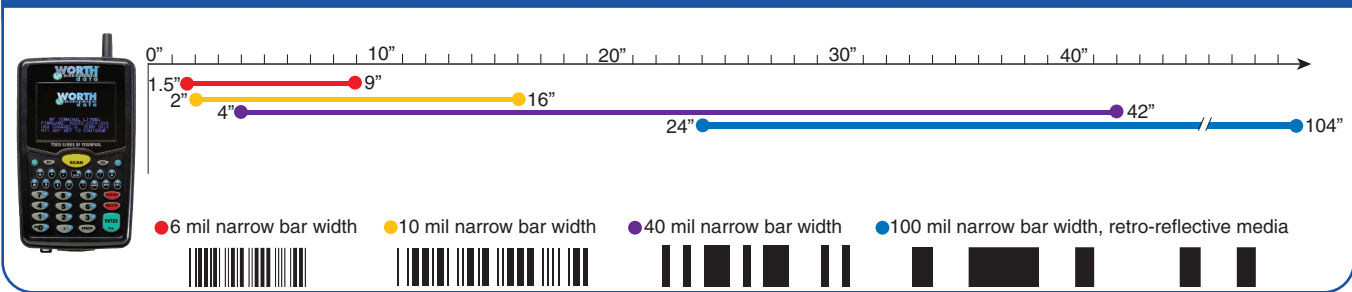
Input Voltage	5VDC ± 10% Regulated
Battery	L02 (NP-120) 3.7V Li-ion 1950mAh
Battery Recharge Time	2 Hours
Laser Class	CDRH class II
EMC	FCC Part 15 Class A Industry Canada RSS-210
Frequency	902MHz range - Spread Spectrum

## Environmental

Operating Temperature	-10°C to 50°C
Storage Temperature	-20°C to 60°C
Humidity	5% to 95% non-condensing
Ambient Light Immunity	Sunlight: 10,000 ft. candles Indoor: 450 ft. candles
Shock	6' drop to concrete



## Scan Range for LT7101 RF Terminal



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FCC ID: JWSLT7001  
CANADA: 4724A-LT7001



LT7100 Integrated Laser RF Terminal