



# LZ160 Laser Scanner Specifications

Model	Description	Interface
LZ160	Laser Scanner - Undecoded	<b>Decoder Required</b> P22, R22, T54, T701, T802

## Operational

Light Source	650 nm 0.7mW Laser Diode
Scan Speed	48 ± 2 scans/sec
Scan Angle	53° ± 2°
Minimum Bar Width	3.5 mil .0035" (0.089mm)
Print Contrast	20% minimum reflectance differential
Indicators (LED)	Bi-Color LED Green/Decode, Amber/Scanning
Special Operation	Hands Free Stand Support (Optional Stand)
System Interface	TTL - RJ45 Worth Data Decoder Interface
Decoder Compatibility	P22, R22, T54, T701, T802

## Physical

Height	5.6" (142mm)
Depth	4.7" (119mm)
Width	3.1" (79mm)
Weight	8.8 oz - 249g
Cable	C39 Coiled Cord 2'-5" (610mm-1525mm)

## Power

Input Voltage	5VDC ± 10%
Power (nominal)	Undecoded: <1mA Idle, 78mA scanning
Laser Class	CDRH class II
EMC	FCC part 15 class A

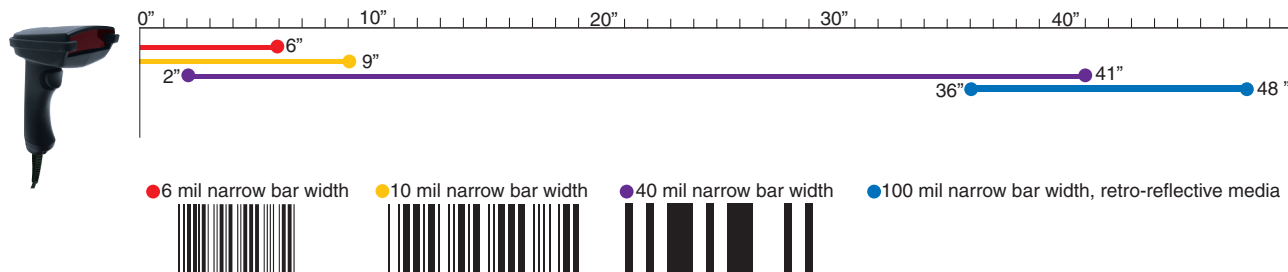
## Environmental

Operating Temperature	14°F to 122°F (0°C to 50°C)
Storage Temperature	-4°F to 140°F (-20°C to 60°C)
Humidity	5% to 95% non-condensing
Ambient Light Immunity	Sunlight: 8,000 ft. candles - Indoor: 450 ft. candles
Shock	5' (1800mm) drop to concrete
Warranty	2 Years - Parts & Labor



**LASER LIGHT - DO NOT STARE INTO BEAM**  
 650 nm LASER • 1.0 MILLIWATT MAX OUTPUT  
 CLASS II LASER PRODUCT

## Scan Range for LZ160



Worth Data Inc. USA  
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 Santa Cruz, CA 95060  
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**FC**  
**MADE IN USA**  
 OF USA AND IMPORTED PARTS

LZ160 Laser Scanner