

LZ300 Laser Scanner Specifications

Model	Description	Interface
LZ300	Laser Scanner - Undecoded	Decoder Required P22, R22, T54, T701, T802

Operational

Light Source	650 nm Laser Diode
Scan Speed	35 scans/sec Bidirectional
Scan Angle	53° ± 2°
Minimum Bar Width	2.3 mil
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 / IEC class 2
EMC	FCC part 15 class A EN 55024, 61000-3-2, 61000-3-3 CE Compliant

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	6' (1800mm) drop to concrete
Warranty	2 Years - Parts & Labor



CAUTION
LASER LIGHT WHEN OPEN
DO NOT STARE INTO BEAM
CLASS II LASER PRODUCT
680 nm LASER • 1.0 MILLIWATT MAX OUTPUT

COMPLIES WITH US DHS 21 CFR 104.10 SUBCHAPTER J
AND IEC 825-1:1993/EN60825. ACHTUNG LASERSTRAHL.
LASERKLASSE 2. NICHT IN DEN STRAHL BLICKEN.
LUMIERE LASER - NE PAS REGARDER DANS LE
FAISCEAU APPAREIL ALASER DE CLASSE 2.
WORTH DATA INC. • SANTA CRUZ, CA

Scan Range for LZ300



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