

SOMATE



SL1100 Laser Scanner

- Ultra Lightweight & Ergonomic Design
- Data Formatting Mode
- Host Editing Function
- Multiple Interface Design
- Excellent Reading Performance



SL 1100 Laser Barcode Scanner



Technical Specifications

OPTICAL

Light Source:	Visible laser Diode 650+-10nm
Resolution:	4 mil (0.1mm)
Minimum Reflectance Difference:	30%
Skew Angle:	±65°
Pitch Angle:	±55
Reading Width:	See diagram
Reading Distance:	See diagram
Scan Speed:	100 Scans / Second

INTERFACE

Multi-interfaces:	SL1100U: USB
	SL1100K: K / B
	SL1100R: RS232

Decoder Symbologies

Decodable Symbologies:	Code 39, Full ASCII Code 39, Code 32, Code 128, Code 93, Code 11, Codabar/NW7, All UPC/EAN/JAN code (EAN-13, EAN-8, UPC-A, UPC-E, EAN-128), Interleave 2 of 5, STD 2 of 5, Industrial 2 of 5, matrix 2 of 5, Chinese Postage Code, IATA, MSI/PLESSY, Italian Pharmacy Code, Industrial 2 of 5, BC-412
Option decodable	RSS-14, RSS Limited, RSS Expanded

Electrical

Processor	ARM7 32 bits RISC CPU
Voltage:	5V DC ± 10%
Operation Current:	140mA
Standby Current:	60mA
Power Supply Noise Rejection:	Maximum 100mv Peak to Peak, 10 to 100KHz

Environmental

Temperature-Operation:	+32°F to +122°F (0°C to +50°C)
Temperature-Storage:	-40°F to +140°F (-36°C to +60°C)
Humidity-Operation:	0 to 95%
Ambient Illumination:	0 - 10000 Lux (EAN 13 M0.8 PCS 90%)
ESD Protection:	Functional after 15KV discharge
Safety Approval:	FCC Class-B, CE Class-B, EMC
MTBF:	Per Mil-HDBK-217F Ground Begin exceeds 100000 hours
Warranty:	1 year
Shock Resistance:	1.5m drop test on concrete

Physical Dimension

Housing:	TPR / ABS blend, ul94VO
Dimension:	L: 3.66in (93mm). W: 3.14in (80mm). H: 5.90in (150mm)
Wight:	170g

※ All product specifications are subject to change without notice.
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Holder

