

Embedded Laser Scanner

ES4200



1D

- Read all major 1D symbols
- Infrad-red auto-detection
- Fits in the small spaces, flexible and easy to integrate
- Support both external trigger and serial trigger



ES4200 Specifications

Input voltage	5 VDC±0.25 V
Power	450.2 mW (Operating); 740 mW (Peak)
Current	90.04 mA (Operating); 148 mA (Peak)
Laser	650 nm laser diode
Decoding rate	200 times/sec
Decode capability	All major 1D symbols including GS1 DataBar
Indicator	Beeper
Interface supported	RS-232 (3.3 V TTL-level), USB, USB virtual COM
Operating mode	Manual operation, Auto-detection
Dimensions	H × W × D: 45.66 mm × 40.80 mm × 20.55 mm
Weight	29 g
Case material	Zinc alloy; ABS (Optional)
Temperature	-20° to 55°C (-4° to 131°F), Operating; -40° to 70°C (-40° to 158°F), Storage
Humidity	5% to 95% (non-condensing)
Programming method	Manual (reading special barcode)
Program upgrade	Online
Decode depth & Max. resolution	Long-Range series
	5 mil: 40 - 110 mm
	10 mil: 10 - 280 mm
	13 mil: 15 - 315 mm
	16 mil: 25 - 385 mm
	35 mil: 145 - 630 mm
	High-Density series
	3 mil: 5 - 50 mm
	10 mil: 10 - 85 mm
	13 mil: 10 - 150 mm
	16 mil: 25 - 165 mm
	35 mil: 145 - 295 mm
Safety	Laser safety: EN60825-1, Class 1 EMC: EN55022, EN55024 Electrical safety: EN60950-1
	Protection class: IP51

[Notice]: Specifications are subject to change without notice.