

ES4200 Technical specifications(25°C)

Input voltage	5VDC±0.25V	
Power	450.2mW (Operating); 740mW (Peak)	
Current	90.04mA (Operating); 148mA (Peak)	
Laser	650nm laser diode	
Decoding rate	200times/sec	
Decode capability	UPC-A, UPC-E, UPC-E1, EAN-13, EAN-8, ISBN/ISSN, Code 39, Code 39 full ASCII, Code 32, <u>Trioptic</u> Code 39, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, <u>Codabar</u> (NW7), Code 128, UCC/EAN 128, ISBT128, Code 93, Code 11 (USD-8), MSI/Plessey, UK/Plessey, China Post, China Finance, GS1 <u>DataBar</u> (formerly RSS) variants	
Indicator	Beeper	
Interface supported	RS-232 (3.3V TTL-level),USB,USB virtual COM	
Operating mode	Manual operation, Auto-detection	
Dimensions	Height × Width × Depth: 45.66mm×40.80mm×20.55mm	
Weight	29g	
Case material	ABS	
Temperature	0° to 50°C (32° to 120°F), Operating; -40° to 60°C (-40° to 140°F), Storage	
Humidity	5% to 95% (non-condensing)	
Programming method	Manual (reading special barcode)	
Program upgrade	Online	
Decoding depth & Min. element width	(1 mil = 0.0254mm) Long-range series 5 mil: 40-110mm 10 mil: 10-280mm 13 mil: 15-315mm 16 mil: 25-385mm 35 mil: 145-630mm	High-density series 3 mil: 5-50mm 10 mil: 10-85mm 13 mil: 10-150mm 16 mil: 25-165mm 35 mil: 145-295mm
Safety	Laser safety: EN60825-1, Class 1 EMC: EN 55022, EN 55024 Electrical safety: EN 60950-1 Protection class: IP50	

