

# Barcode Scan Engine

## 1D Laser uE-966

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### World's Best Product

- Scan Speed : 100 scans/sec
- Barcode Type : 1D Laser
- Compatible: 모토로라 SE955



# 1D Laser Scan Engine

uE-966

## Features



1. Compatible with the physical interface and parameter settings of other brands' models.
2. High performance scan rate at 100 scans/sec
3. Fully tested and certified including laser safety, durability, vibration, ESD, RF immunity and emissions, etc.

## Specifications

Performance Characteristics				
Laser	650nm laser diode	Scan mode	Good-read off, Momentary, Alternate, Continuous, Host	
Scan rate	100±10 scans/second			
Scanning angle	±50°, ±65°, ±35° (Skew, Pitch, Roll)	Firmware upgrade	Online	
Decode capability	UPC-A, UPC-E, EAN-13, EAN-8, ISBN/ISSN, Code 39, Code 39 full ASCII, Code 32, Trioptic Code 39, Interleaved 2 of 5, Industrial 2 of 5 (Discrete 2 of 5), Matrix 2 of 5, Codabar (NW7), Code 128, Code 93, Code 11 (USD-8), MSI/Plessey, UK/Plessey, UCC/EAN 128, China Post, GS1 DataBar (formerly RSS) variants			
Programming method	Method I: Manual (scanning special barcode in sequence) Method II: send command via UART interface			
Decoding depth & Max. resolution	(1 mil = 0.0254 mm)	15 mil: 23-380 mm		
	4 mil: 42- 75 mm	20 mil: 35-490 mm		
	5 mil: 40-105 mm	30 mil: 30-650 mm		
	10 mil: 10-250 mm	55 mil: 75-900 mm		
Physical Characteristics				
Dimensions	Height × Width × Depth: 12.0mm × 21.6mm × 15.5mm	Indicator interface	To control external Beeper and LED	
Weight	8.00±0.25g	Interface supported	UART	
Cable	Tapered 12-pin flex strip (12 × 0.5mm)			
User Environment				
Power	Input voltage	3.3 VDC ± 5%	Temperature	
	Scanning current	75mA typical/85mA maximum		Operating: -10°C to 60°C (-4°F to 140°F); Storage: -40°C to 70°C (-40°F to 158°F)
	Standby current	<8µA	Humidity	5% to 90% (non-condensing)
Regulatory				
Mechanical vibration	IEC 60068-2-6		Mechanical shock	IEC 60068-2-27
	Un-powered engine withstands a random vibration along each of the X, Y and Z axes for a period of one hour per axis, define as follows: 20 to 80 Hz Ramp up to 0.04G2/Hz at the rate of 3dB/oct 80 to 350 Hz 0.04G2/Hz Mechanical vibration 350Hz to 2000Hz Ramp down at the rate of 3dB/oct		Laser safety	Shock pulse: 0.5ms, Maximal acceleration: 1500G, Shock direction & time: ±X-axis, ±Y-axis, ±Z-axis, 3 times for each direction, total of 18 times. EN 60825-1-2007, Class 1

\*기능 및 사양은 예고 없이 변경될 수 있습니다.

