SCANTECH ID

MICA M-9030

Omni-Directional Laser Engine

- The most compact size with the longest depth of field
- Easy integration in all type of built-in and OEM applications
- Scan pattern of omni-directional scanning

Introduction

The most compact high performing omni-directional barcode scan engine for built-in applications!

The Scantech ID MICA M-9030 is a very compact and high performance omni-directional laser barcode scan engine ideal for built-in and Original Equipment Manufacturer (OEM) applications.

With 24 scan lines in 6 scan directions and 2000 scans per second, the MICA M-9030 provides an outstanding scan performance and makes it very easy to scan all common type 1D barcodes, including GS1 DataBar, independent of its orientation.

The optimized compact design makes it very easy to integrate the MICA M-9030 in many built-in and OEM applications like kiosks, ATM's, return vending machines, price verifiers and access control terminals.

The MICA M-9030 has a multi interface, user upgradeable software and auto-sense which saves costs and improves life time. If you are looking for a compact, easy to integrate barcode scan engine with an outstanding scan performance, then the MICA M-9030 is the answer.

CHAMPTEK®

We value your ID's

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MICA M-9030

Features

- **Most compact omni-directional laser barcode scan engine in its class.**
- **Optimized design for built-in and OEM applications.**
- **Reading all common 1D barcodes, incl. GS1 DataBar, regardless of its orientation.**
- **Scantech ID STAR reconstruction software for reading of fragmented and damaged barcodes.**
- **High scan rate with 2000 scan/sec and 24 scan lines.**
- **Auto sense function which saves power and improves life time. (Option)**
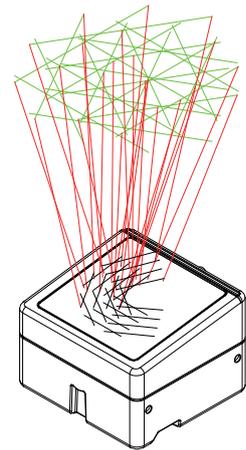
Specifications

Physical Characteristics

Depth	46 mm/ 1.81 inch
Width	62 mm/ 2.44 inch
Height	67 mm/ 2.63 inch
Weight	130 g
Color	Black

Electrical

DC input to scanner	+5 V DC, 250 mA
Power output	1.25 Watt @ +5 V DC

Interfaces

	RS232
	KBW
	USB (HID and COM port emulation)
	Powered USB (optional)

Scanner Characteristics

Light source	650 nm visible laser diode
Depth of field	Up to 300 mm @ UPC/EAN , PCS 90%
Scan pattern	6 direction scan field, 24 lines scan pattern
Scan rate	2000 scans/sec
Light level	Max 4800 LUX
Barcode types	EAN/UPC/JAN + Add-on, ISBN, Code 128, EAN 128, Code 93, Code 39, Code 32, Codabar, Interleaved 2 of 5, MSI – Plessey, GS1 DataBar
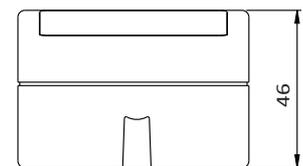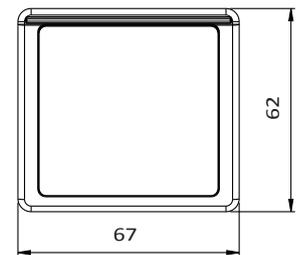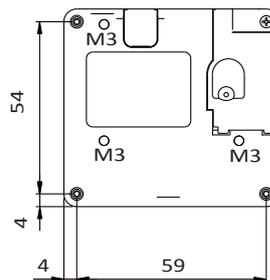
Environmental

Operating Temp	0°C ~ 40°C
Storage Temp	– 20°C ~ 60°C
Humidity	20% ~ 95% RH (non – condensing)

Safety

Laser Safety	IEC 825 –1 (1993) Class I, U.S. 21 CFR1040 Class IIa
Electrical Safety	EN 60950 second edition UL1950, c – UL (according CSA22.2.950)
Flammability Ratio	94V-0

EM Compatibility

EN 55022	2006 + A1: 2007, Class B
EN 55024	1998 + A1: 2001 + A2: 2003
EN 61000-3-2	2006
EN 61000-3-3	1995 + A1: 2100 + A2: 2005

Regularity of Compliance

CE, FCC and RoHs compliant $C \epsilon$

Due to Champtek's / Scantech ID's continuing product improvement programs, specifications and features are subject to change without notice.