

Product Overview

Fusion Hand Held Corded Scanner

The Fusion is a compact, ergonomic, easy to use, corded barcode scanner specifically designed for the health care and lab instrumentation market place.

As a health care super star the Fusion includes an anti-microbial agent that is tested to ensure 99% prevention of bacteria growth on it's surface. The reader is also disinfectant ready and it's IP54 enclosure can be cleaned with standard health care cleaning agents. The reader is exceptionally easy to use for health care professionals, and lab technicians with a great white light illuminator, rapid scan technology, high skew angle tolerance, and a good read audible and visual indication.

The readers ergonomic design provide a great feel in the users hand and allows for hassle free scanning. The good read green spot indication further enhances the users experience with the Fusion.

The reader includes a 5 year warranty.

Features

- Anti-Microbial and Disinfectant Ready surface
- Ease of Use
- Audible and Visual feedback
- Compact size and Excellent Ergonomics
- Highly reliable Decoding engine
- Integrated Cable with RS232 or USB interface
- Snappy reading performance with high motion tolerance



Fusion Handheld Scanner

Applications



The Fusion is specifically designed for Health care and Lab applications used in:

- Medical devices
- Lab Instrumentation
- Biomedical
- Sample testing
- Bedside point of care
- Nursing carts
- Hospital Pharmacy

Technical Specifications

DECODING CAPABILITY

1D / LINEAR CODES	Auto discriminates all standard 1D codes including GS1 DataBar™ linear codes.
2D CODES	Aztec Code; China Han Xin Code; Data Matrix; MaxiCode; Micro QR Code; QR Code
POSTAL CODES	Australian Post; British Post; China Post; IMB; Japanese Post; KIX Post; Korea Post; Planet Code; Postnet; Royal Mail Code (RM4SCC)
STACKED CODES	EAN/JAN Composites; GS1 DataBar Composites; GS1 DataBar Expanded Stacked; GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional; MacroPDF; MicroPDF417; PDF417; UPC A/E Composites

ELECTRICAL

CURRENT	Operating (Typical): <150mA Standby/Idle (Typical): 12mA
INPUT VOLTAGE	4.5 - 5.5 VDC +/-5% at 23 °C

ENVIRONMENTAL

AMBIENT LIGHT	0 - 100,000 lux
HUMIDITY	5 - 95% (NON –CONDENSING)
SHOCK	2500 G at 23 °C at 0.85 m sec.
TEMPERATURE	Operating: -10 to 50 °C / 14 to 122 °F Storage/Transport: -40 to 70 °C / -40 to 158 °F
ENCLOSURE SEAL RATING	IP54

INTERFACES

INTERFACES	USB COM, USB OEM, USB Keyboard, RS232
------------	---------------------------------------

PHYSICAL CHARACTERISTICS

DIMENSIONS	111 L x 39.9 W x 26.5 D mm D / 4.38 L x 1.57W x 1.04 D in
WEIGHT	120.0 g / 4.2oz

READING PERFORMANCE

IMAGER SENSOR	WVGA: 752 x 480 pixels
LIGHT SOURCE	Aiming: 650 nm VLD Illumination: Internal White LEDs
PRINT CONTRAST RATIO (MIN)	25%
FIELD OF VIEW	40° H x 26° V
READING ANGLE	Pitch: +/- 60°; Roll (Tilt): +/-180°;Skew (Yaw): +/- 60°
READING INDICATORS	Green Spot good read confirmation, Audible Beeper, Vibrator (optional)
RESOLUTION (MAXIMUM)	1D Linear: 3 mils; DataMatrix: 7.5 mils; PDF417: 5 mils

READING RANGES

TYPICAL DEPTH OF FIELD	Minimum distance determined by symbol length and scan angle. Printing resolution, contrast, and ambient light dependent. 1D / 2D CODES 3 mils Code 39: up to 10.5 cm / up to 4.1 in 5 mils Code 39: 6.5 to 21.0 cm / 2.6 to 8.3 in 13 mils EAN-13: 5.5 to 39.0 cm / 2.2 to 15.4 in 20 mils Code 39: up to 50.0 cm / up to 19.7 in 15 mils DataMatrix: 4.0 to 25.0 cm / 1.6 to 9.8 in
------------------------	---

SAFETY & REGULATORY

ENVIRONMENTAL COMPLIANCE	Complies to China RoHS; Complies to EU RoHS
LASER CLASSIFICATION	Caution Laser Radiation - Do not stare into beam IEC 60825 Class 2

UTILITIES

DATALOGIC ALADDIN™	Aladdin configuration SW Command set for programmatic configuration
OPOS / JAVAPOS	JavaPOS Utilities are available OPOS Utilities are available
REMOTE HOST DOWNLOAD	Lowers service costs and improves operations

WARRANTY

WARRANTY	5 Year Factory Warranty
----------	-------------------------

Fusion front view



Fusion side view

