MS842eH

2D Imager Healthcare Scanner

Unitech's MS842eH is a powerful 2D imager designed for point of care, inventory management, and pharmaceutical applications. This handheld barcode scanner is equipped with a wide range of features tailored to fit the needs of those in the healthcare industry. From its durable construction to its antimicrobial housing, the MS842eH helps healthcare professionals devote more time and resources to what truly matters.

Powerful 2D Scanning
This scanner can read both 1D and 2D barcodes using a high-speed decoder and scan engine. As one of the most efficient barcode scanners in its class, it is well suited for a fast-paced work environment.

Easy
Quickly scan patient wristbands or blood bags. Configuration is straightforward and easy, featuring a simple USB interface. You can customize your unit with just a few scans. Reduce user fatigue in scan-intensive applications through its lightweight and compact construction.

Rugged & Durable
The MS842eH can withstand drops of up to 6 feet. Its environmental seal and antimicrobial coating protects the unit from dust, water, blood, alcohol and bacteria. Its overall rugged design minimizes downtime and total cost of ownership.

Main Features:

- Reads 1D and 2D barcodes
- Lightweight-only 7 ounces
- Environmental Seal: IP42
- Drop Spec: 6-ft
- Antimicrobial Housing

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Optical & Performance

Receiving Device	EM2037 2D Engine
Light Source	620-630nm LED
Sensor	CMOS
Resolution	752x480
Skew Angle	±50 degrees
Pitch Angle	±50 degrees
Ambient Light Immunity	100,000 lux (full sunlight) candles

Functionality

Symbologies	1D: Code128, EAN-13, EAN-8, Code39, UPC-A, UPC-E, Codabar, Interleaved 2 of 5, ISBN, Code93, UCC/EAN-128, GS1 Databar
	2D: PDF417, QR Code(Model 1/2), DataMatrix (ECC200, ECC000, 050, 080, 100, 140), Aztec, Maxicode
Opration Mode	Tigger Mode, Presentation Mode
Data Formatting	Prefix, Suffix, Code ID, Reformatting Date

Communication

Interface	USB

Electrical

Operation Voltage	DC 3.3V
Current Consumption	Operation mode: <450mA, Standby mode: <75mA

Mechanical

Dimension	6.9" x 2.9" x 3.5"
Weight	7 ounces

Environmental

ESD Protection	Functional after 8K Contact and 12K Air
Mechanical Shock	6-feet onto concrete (scanner only)
Operational Temperature	0℃ to 50℃
Storage Temperature	-20℃ to 70℃
Relative Humidity	95% non-condensing

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