



MS842eH

2D Imager Healthcare Scanner

The Unitech MS842eH is a durable, high performance family of handheld scanners available in 2D imager models. Constructed with an antimicrobial enclosure for the needs of healthcare, caregivers can depend on this scanner without hesitation, wherever it is being used. The large decode distance, wide scan angles and buzzer ensures a high efficiency level.

Scanning at its best in healthcare environment

Featuring the high speed decoder and high performance engine, this MS842eH 2D healthcare scanner is one of the most efficient scanning solutions in its class. It can easily be used in high demanding scanning applications like inventory management in pharmacies or ID checking management in patient room.

Comprehensive range data collection

Minimize the time and effort to read comprehensive data including 1D and 2D barcode on patient ID wrist bands, blood bags with the fastest MS842eH which is also designed with ergonomics and the hospital environment in mind. MS842eH is lightweight and delivers a compactable experience for long period use, as well as offering unparalleled flexibility for customization and easy configuration with its PC-based software.

Rugged Design with antimicrobial enclosure

Built for industrial level material, MS842eH healthcare scanner is rugged enough to drop from the 1.8 meters to concrete plus IP42 sealing also features antimicrobial materials embedded in the enclosure which is impervious to blood, alcohol, water and bacteria and microbes.

Through the use of barcode scanning solution, it helps professional caregivers to improve workflows more effective, and allowing healthcare professionals the opportunity to stay focused on patients. MS842eH is an ideal product to ensure that patient safety and it is suited for using at the point of care.

Main Features

- Antimicrobial housing for healthcare environment
- High performance engine & decoder
- Durable rugged scanner: IP42 and 1.8 M drop spec.
- Supports all common 1D and 2D barcodes
- Lightweight: only 200 grams

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because we care

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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

Reading Distance

High Density (HD)	
3.3mil Code 39	45mm ~ 105mm
5mil Code 39	40mm ~ 105mm
5mil PDF417	40mm ~ 90mm
6.7mil Data Matrix	40mm ~ 60mm
Min. 1D Barcode Density	3.3mil
Min. 2D Barcode Density	5mil

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,

Operation Mode Trigger Mode, Presentation Mode
Data Formatting Prefix, Suffix, Code ID, Reformatting Date

Electrical

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

Mechanical

Dimension	176 x 74 x 89 mm
Weight	200g (without cable)

Environmental

ESD Protection	Functional after 8K Contact and 12K Air
Mechanical Shock	1.8m onto concrete (scanner only)
Operating Temperature	0°C to 50°C
Storage Temperature	-20°C to 70°C
Relative Humidity	95% non-condensing

Communication

USB interface



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