/ DELFISCAN M71

BLUETOOTH CCD SCANNER

DELFISCAN M71

Thanks to the convergence of the new innovative DelfiScan 2.0 Imaging Technology and Bluetooth® wireless technology, the DelfiScan M71 impresses the user with high reading performance and ultimate freedom of cordless operation.

To suit diverse business applications, the DelfiScan M71 is feature-rich to represent its best value in its class. The Out-of-range scanning feature allows DelfiScan M71 to continue scanning data even when it loses connection.

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A rugged, high performance cordless image scanner for industry and general purpose applications.

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The DelfiScan M71 cordless image scanner from Delfi impresses the user with high reading performance and ultimate freedom of cordless operation. M71 expertly combines rugged construction with versitale features, thus providing an ideal cordless solution for industrial or general applications.

To deliver the highest level of dependability, the DelfiScan M71 is built with compact and robust over-mold housing - rugged enough to whitstand multiple drops from 1.8 meter to concrete surfaces. When Bluetooth-enabled host device is not available, the M71 can work with the smart cradle in PAIR mode or PICO mode.

FEATURES:

- Rugged over-mold design to whitstand multiple drops to concrete surfaces from 1.8 meter

- Bluetooth 2.1 EDR wireless technology with more than 80m communication coverage

- Plug-and-play cordless migration by working with smart cradle

- Support both HID and SPP profiles to connect with most Bluetooth-enabled hosts

- Memory storage up to 20.000 EAN-13 scans for batch scanning

- Unsurpassed redability on low contrast, smudged, poorly-printed or damaged barcodes

TECHNICAL DATA:

Optical	
Optical System	High performance Linear Imaging Engine
Reading Direction	Bi-directional (forward and backward)
Pitch/Skew/Tilt	± 65o / 65o / 55o
Scan Rate	Dynamic scanning rate up to 500 scans per second
Working distance1	More than 40,6 cm on 100 % UPC/EAN symbols More than 61 cm on 20 mil code 39
Minimum Resolution	Typical 3 mil (Code39, PCS=0.9)
Readable BarCode Symbologies	Standard Code 39, Full ASCII Code 39, Code 32, Code 39 Trioptic Code 128, UCC/EAN-128, Codabar, Code 11, Code 93 Standard & Industrial 2 of 5, Interleaved & Matrix 2 of 5 German Potal Code, China Postal Code, IATA UPC/EAN/JAN, UPC/EAN/JAN with Addendum Telepen, MSI/Plessey & UK/Plessey GS1 DataBar (formly RSS) Linear & Linear Stacked

Mechanical	
Dimension (L x W x D)	97.8 mm x 70.5 mm x 156.2 mm
Environmental sealing	IP41
Drop Specifications	Withstands multiple drops of 1.6m height on concrete surfaces
Operation Temperature	0o C to 50o C
Storage Temperature	-20o C to 60o C
Battery	3.7V, 220mAH Li-ion rechargeable battery

Operational	
Operation Modes	Trigger, Presentation
User Interfaces	Blue link indicator and 2-color status indicator Programmable beeper Optional vibrator
RF Standard	Bluetooth v2.1 EDR
RF Frequency	Band 2.402~2.4830 GHz unlicensed ISM band
Configuration Setup	Bar Code command
Communication Range	More than 80 meters in open space when working with smart cradle, line of sight
Print Contrast	20 % minimum reflective difference
Scans per full Charge2	More than 45.000 scans and transmissions

1. The working distances are measured in 400lux office environment using Grade A barcodes.
2. The number of scans per full charge is measured under factory preset test condition.