DS8178 - 1D / 2D scanner, wireless, for healtcare, USB KIT

Premium handheld scanner DS8178-HC is purpose-built for healthcare environments, with unparalleled performance on virtually every barcode in any condition, a first-of-its-kind housing delivering maximum protection against the spread of bacteria. Streamline workflows for your healthcare professional and deliver better patient experiences.

The DS8100-HC Series combines the power of an 800 MHz microprocessor, a high-resolution megapixel sensor and Zebra's exclusive PRZM technology. The scanner instantly captures the most problematic barcodes found in pharmacies, labs and at the point-of-care — including dense, tiny, curved, poorly printed, shiny, crinkled, faded, distorted, dirty or damaged, as well as electronic barcodes on dimly lit displays.



Only the DS8100-HC offers a purpose-built housing specially designed to help prevent the spread of bacteria. Special plastics allow for Safe wipe-downs with the widest selection of the harshest and most aggressive disinfectants used in today's hospitals. And concealed screw holes and seams eliminate areas where bacteria could hide — even after a wipedown.

Choose from a wide array of easily controllable feedback modes designed for virtually any hospital environment. In addition to the standard LED, vibrate and beeper feedback, Zebra's Direct Decode Indicator flashes illumination onto the barcode to confirm that it has been captured. With Night Mode, healthcare workers can switch between vibrate and beeper feedback by simply depressing the trigger for a few seconds.

Key features:

- top performance in scanning barcodes
- flexible user-selectable feedback including Night Mode with vibrate
- The PowerPrecision battery can capture over 75,000 barcodes in a single charge
- Wi-Fi Friendly Mode prevents any unwanted interference with your existing Wi-Fi network
- 123Scan2, Scanner Management Service (SMS), and SDK Scanner utilities

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Technical Description

Functionality & Operation	
1D Barcode Symbologies	Code 39, Code 93, Code 128, Base 32, Code 11, Codabar, MSI, Plessey, UPC/EAN, Industrial 2 of 5, Korean 3 of 5, GS1-DataBar
Communication interface	USB
2D Code Symbologies	MicroPDF417, PDF417, Composite codes, TLC-39, Aztec, Data Matrix, MaxiCode, Micro QR Code, QR code Chinese Sensible, Postal Codes
Indicators	Direct Decode Indicator, Good Decode LEDs, Rear View LEDs, beeper, vibration, battery indicator
Wireless communication	Bluetooth®
WPAN Features	Standard Bluetooth Version 4.0 with BLE: Class 1 330 ft./100m and Class 2 33 ft./10m, Serial Portand HID Profiles
Keyboard	Supports over 90 international keyboards
Optical	
Depth of scan field	0 - 429 mm
Maximal skew angle	60%
Maximal pitch angle	60%
Minimal PCS value	16%
Light source	warm white LEDs 2x
Resolution	1280x960 px
Bar code scanner	2D Imager
Electrical	
Main battery pack	Rechargeable Li-Ion battery 2500 mAh
Mechanical	
Color	white
Dimensions	Width: 66mm, Height: 107mm Length: 168mm
Weight	235g
Environment	
Electrical static discharge	±15kV air, ±8kV contact
Ingress protection	IP42
Storage temperature	-40 to 70°C
Operating humidity (non-condensing)	5 to 95%
Shock resistance	multiply drops from 1,8 m onto concrete surface, 2000 tumbles at 0,5 m

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