



PDC550 SERIES POCKET DATA COLLECTOR



Product Features

- **Integrated OLED Display:** Real-time verification of scanned data and quantities.
- **Batch Mode Memory:** Stores thousands of scans offline to ensure 100% data integrity.
- **Superior 2D Scanning:** Effortless capture on glossy labels and mobile screens.
- **Pocket-Sized Portability:** Ultra-light 35g design with IP42 industrial durability.
- **Dual Connection Modes:** Seamless switching between Bluetooth and wired USB.

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	PDC5500K	PDC5500R
Performance Scan Mode Illumination Element Aiming LED LCD Panel w/ Backlight Depth of Field Image Sensor Best Resolution Scan Angle Print Contrast Indicators Interface	Direct Scan & Storage Scan White LED Red Light : 625nm ± 3nm Dots: 128 x 64 Viewing Area: 32 x 25 mm 13mil EAN13: 210 mm CMOS (640 x 480 pixels) 4 mil Code 39 Tilt: 360° / Pitch: ±50° / Skew: ±50° ≥ 30% LED & Beeper BT Communication: HID or SPP Profile (for iOS/ Android Devices)	Direct Scan & Storage Scan Red LED Red Light : 625nm ± 3nm Dots: 128 x 64 Viewing Area: 32 x 25 mm 13mil EAN13: 380 mm CMOS (640 x 480 pixels) 4mil Code39, 5mil PDF417 Tilt: 360° / Pitch: ±50° / Skew: ±50° ≥ 25% LED & Beeper BT Communication: HID or SPP Profile (for iOS/ Android Devices)
Supported Symbologies	1D: EAN-8, EAN-13, UPC-A, UPC-E, Code 39, Code 93, Code 128, Codabar, Interleave 2 of 5, ISBN, GS1-128, MSI, GS1 Databar 2D: PDF417, QR Code, DataMatrix, Aztec	1D: Code 128, EAN-13, EAN-8, Code 39, Code 32, UPC-A, UPC-E, Codabar, Interleaved 2 of 5, ISBN/ISSN, Code 93, UCC/EAN-128, GS1 Databar 2D: PDF417, QR Code, Micro QR Code, DataMatrix, Aztec
Electrical & Physical Input Voltage Operating Current Radio Range RF Frequency Communication Battery Pack Scans per Charge Charge Time Memory Capacity Dimensions LxWxH Weight	5V/DC ± 5% 550 mA BT v5.2 (70~100m Line of Sight) 2.4 GHz HID Profile, SPP Profile 3.7V, 900mAh Rechargeable Li-Ion Battery Pack > 10,000 Scans When Fully Charged 4 ~ 5 Hours 1MB (Able to Save More Than 65,000 Sets EAN-13 Barcodes) 100x 43x 27 mm 72g ± 5g	5V/DC ± 5% < 300 mA BT v5.2 (70~100m Line of Sight) 2.4 GHz HID Profile, SPP Profile 3.7V, 900mAh Rechargeable Li-Ion Battery Pack > 10,000 Scans When Fully Charged 4 ~ 5 Hours 1MB (Able to Save More Than 65,000 Sets EAN-13 Barcodes) 100x 43x 27 mm 72g ± 5g
Environmental Operating Temperature Storage Temperature Operating Humidity Ambient Light	0°C to 50°C -10°C to 60°C 5% to 95% Relative Humidity, Non-Condensing -	-5°C to 50°C -15°C to 60°C 5% to 95% Relative Humidity, Non-Condensing 0~ 80,000 Lux (Total Darkness~ Bright Sunlight)
Decoding Zone 4 mil Code39 5 mil Code39 13 mil EAN13 6.67 mil PDF47 10 mil DataMatrix 20 mil QR Code	Measured at 600 lux with standard barcodes (PCS ≥ 90%). Tolerance: ±10 mm. Actual DOF may vary by barcode quality and ambient factors. 50 ~ 115 mm 50 ~ 145 mm 60 ~ 210 mm - - -	60 ~ 120 mm 50 ~ 160 mm 50 ~ 380 mm 65 ~ 150 mm 45 ~ 180 mm 45 ~ 280 mm

