KDC350

1D & 2D Wireless
Barcode Scanner and Data Collector

This wireless scanner is the culmination of decades of engineering and human-centered design experience focused on maximizing efficiency and minimizing costs of auto-identification in any industry

Specification

Physical Characteristics

Size: 1.69" x 3.7" x 0.94"
(43 mm x 94 mm x 24 mm)
Weight: 3.0 oz (85 g)

Electrical Characteristics

Battery: Lithium-Ion (3.7V DC, 1200mAh) softpack
Charging: USB connector, Charging Cradle

Interfaces

Bluetooth V2.1+EDR, Class 2, HID/SPP/MFi
USB to Serial (Ultra mini USB port)
USB HID/Flash Memory

User Environment

Ingress Protection Rating: IP65
Drop Spec: 5 feet (1.5m)
Operating: -4°F to 122°F (-20°C to 50°C)
Storage: -4°F to 140°F (-20°C to 60°C)
Humidity: 5% to 95% (non-condensing)

Functionality

Memory Flash ROM: 256 KB Program, 8MB User Data
Memory RAM: 64KB

Wedging & Synchronization

Store to a file or transfer to an application
Keyboard wedge function
Add-on prefixes and suffixes
Barcode option selection

Application Generation

SDK for PC and smartphone application
Application generation tool
Database lookup and
Inventory Management features

OS Support

Android, iOS, Mac OS X, Windows

Regulatory Conformance

Laser Safety: IEC60825/CDRH Class II
LED Safety: IEC62471:2006
Electrical Safety: UL 60950-1; EN/IEC 60950-1; EN/IEC 60825-1
EMI/RFI: R&TTE, FCC, KC, TELEC
Environmental: RoHS Compliance

Scan Range (10mil Code39)

Laser (350L) :
1.97" to 7.48" (50 mm to 190 mm)
CCD (350L-D-R2) :
2.17" to 11.81" (55 mm to 300 mm)
Imager (350C) :
3.2" to 9.2" (81 mm to 234 mm)

NFC (Optional)

ISO/IEC 14443 A/B, ISO/IEC 15693, FeliCa, MIFARE (1K/4K/Ultralight/ UltralightC/DESFire)

WiFi (Optional)

Compliance: 2.4GHz IEEE 802.11b/g/n
Support: 802.11g/n OFDM with BPSK, QPSK, 16-QAM, 64-QAM and 802.11b with BPSK, QPSK, CCK

Symbologies

Laser (1D): EAN-13, EAN-8, UPC-A, UPC-E, Code 39, ITF14, Code 128, Interleaved 2 of 5, Codabar, GS1-128, Code 93, Code 35, Bookland EAN13, EAN-13/8 incl. add on, UPC-A/E incl. add on, GS1 Omni, GS1 Limited, GS1 Expanded

CCD (1D): EAN-13, EAN-8, UPC-A, UPC-E, Code 39, ITF14, Code 128, Interleaved 2 of 5, Codabar, GS1-128, Code 93, Code 35, Bookland EAN13, EAN-13/8 incl. add on, UPC-A/E incl. add on, GS1 Omni, GS1 Limited, GS1 Expanded

Imager (1D): Codabar, Code 11, Code 32, Code 39, Code 93, Code 128, EAN-8, EAN-13, GS1 Composite, Interleaved 2 of 5, Matrix 2 of 5, MSI, Plessey, PosiCode, GS1 Omni, GS1 Limited, GS1 Expanded, Straight 2 of 5 Industrial, Straight 2 of 5 IATA, TCL39, Telepen, Tri-Optic, UPC-A, UPC-E0, UPC-E1

Imager (2D): Aztec Code, Aztec Runes, Codablock F, Code 16K, Code 49, Data Matrix, MaxiCode, MicroPDF417, PDF417, QR Code, Han Xin Code Postal Codes: POSTNET, Planet Code, British Post, Canadian Post, Netherlands (KIX) Post, Australian Post, Japanese Post, Chinese Post, Korean Post

OCR Options (350C): OCR-A, OCR-B, OCR USC, OCR MICR(E13B), OCR Semi Font

OCR Options (350C-R2): OCR-A, OCR-B, OCR Passport (optional), OCR MICR(E13B), OCR Semi Font

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