KOAMTAC

KDC470
Barcode/RFID/mPOS SmartSled

▶ Our Most Modular Product Yet ▶

Whether you need to read barcodes or RFID tags this is the KDC for you. The KDC470 is rugged device with an IP65 rating and is built to last. No matter what type of data you need to collect or how you need to collect it, there is a KDC470 module to get the job done quickly and accurately. Charge your device with our unique charging cases and never miss a minute of productivity.

Attach to ANY Smartphone or Tablet

The KDC470 attaches to any smart device via a custom case to create a sled scanning solution. This unique modular design allows you to upgrade your smart device without worrying about replacing the entire scanning solution. Your investment in a KDC470 is protected regardless of upgrades in smartphone and tablet technology.

Barcode Reading

At it's base, the KDC470 is a superior barcode scanner. The KDC470 comes in three different models, 1D Laser, 1D CCD, and 2D Imager so you can read a variety of barcodes in any industry. The KDC connects via Bluetooth Classic technology for easy pairing and data transfers.

RFID Companions

The RFID companions attach to your KDC470 alllowing for various transactions to be performed via radio frequency identification. The contactless interface can be utilized for asset management and tracking whether those assets are people, animals, or inanimate objects. Options include High Frequency (HF), 0.5W Ultra High Frequency (UHF), or 1.0W UHF.

Additional Companions

▶ Extended Battery Pack - For long shifts or projects. Never worry about the battery of your KDC.
▶ Pistol Grip - Pull the trigger on easy scanning.

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Hardware Specifications

Physical Characteristics
Size (w/o case):
2.56" x 4.13" x 0.62" (65 mm x 105 mm x 15.8 mm)
Weight: 3.07 oz (87g)

Electrical Characteristics
Battery: Lithium-Ion (3.7V DC, 1130 mAh)
Charging: USB connector, Charging Cradle

Performance

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

Wedging & Synchronization
Keyboard wedge function
Add-on prefixes and suffixes
Barcode option selection

Application Generation
SDK for PC and smartphone application

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 Compliant

Scan Range (10mil Code39)
Laser: 1.97" to 7.48" (50 mm to 190 mm)
CCD: 2.17" to 11.81" (55 mm to 300 mm)
Imager: 1.81" to 9.68" (46 mm to 246 mm)

Interfaces
Bluetooth® V2.1+EDR, Class 2, HID/SPP/MFi
USB to Serial (Micro USB port)

User Environment
Ingress Protection Rating: IP65
Drop Spec: 5' (1.5 m)
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)

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 EAN-13, 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 EAN-13, EAN-13/8 incl. add on, UPC-A/E incl. add on, GS1 Omni, GS1 Limited, GS1 Expanded

Imager (1D): Codabar, Code 11, Code 39, Code 93, Code 128, EAN-8, EAN-13, GS1 Composite, Interleaved 2 of 5, Matrix 2 of 5, MSI, Plessey, GS1 Omni, GS1 Limited, GS1 Expanded, Straight 2 of 5 Industrial, Straight 2 of 5 IATA, Telepen, Tri-Optic, UPC-A, UPC-E0, UPC-E1
Imager (2D): Aztec Code, Aztec Runes, Codablock F, Data Matrix, MaxiCode, MicroPDF417, PDF417, QR Code
Postal Codes: POSTNET, Planet Code, British Post, Netherlands (KIX) Post, Australian Post, Japanese Post, Chinese Post, Korean Post
OCR Options: OCR Passport

Your KDC

Models
KDC470L, KDC470Li, KDC470D, KDC470Di, KDC470C, KDC470Ci

Package Contents
1 x KDC470 Barcode Sled Scanner
1 x KDC Hand Strap
1 x KDC Micro USB Cable

Compatible Accessories
SmartSled Case for KDC400 Series
SmartSled Charging Case for 470 Series
1-Slot Charging Cradle
4-Slot Charging Cradle
HF/UHF RFID Companion
Pistol Grip
Extended Battery Pack

CAUTION
LASER RADIATION–
DO NOT STARE INTO BEAM
<1 MILLIWATT LASER DIODE
IEC60825-1 CLASS II LASER PRODUCT