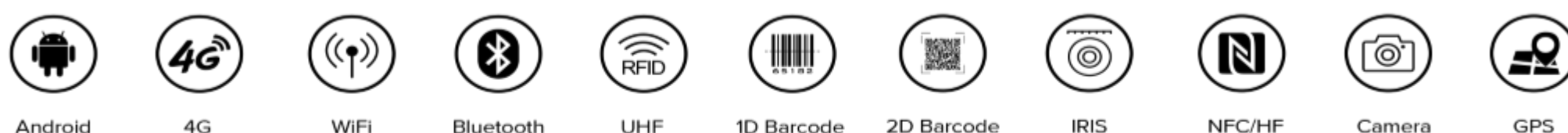


EXARK XK - 650 HANDHELD READER

ULTRA LONG RANGE RFID HANDHELD READER



The EXARK XK-650 is a robust, simple to use UHF passive RFID Handheld designed for all day intensive use. The handheld characteristics provides the flexibility to use your preferred operating system type/version while enabling access to the latest generation in communications infrastructure without being tied more slowly evolving monolithic device.



FEATURES

- Supports Google Android® via Smart Device
- Enables LTE and 802.11ac/ad via Smart Device
- ETSI 865.6–867.6 MHz or FCC/IC 902–928 MHz
- 2D imager supporting all major 1D / 2D barcodes
- Ergonomic 320 g / 11.3 oz
- Robust Quadlock™ physical smart device Connection
- Bluetooth Low Energy communications to Smart Device
- Camera with Flash | GPS
- Memory 3GB + 32GB / 4GB + 64GB
- Fast RFID tag capture in various environments
- High performance battery for full shift operation



FEATURES

DESCRIPTION

| | |
|--|--|
| Standards | ISO 18000-63 (EPC Class 1 Gen2v2) AES authentication in accordance with ISO/IEC 29167-10 supported |
| Frequency | ETSI 865.6–867.6 MHz or FCC/IC 902–928 MHz |
| RF Power | ERP 2W/EIRP 3.3W Software controlled antenna |
| Standards | modes :circular and proximity Nominal reading distance: circular polarization mode 18m/59 ft, proximity mode, read range down to 1 cm/0.4 inch |
| Long battery life | Double-capacity single battery 8000 mAh Low power electronics Up to 72 hours of intensive use |
| Robust Design | Dust and water ingress protection (IP68) Solid drop tested design (1.5m/4,9ft) Quadlock®robustin-built Display |
| OperatingSystemand Network diagnostics | Use Android 13.0 (Use LTE of next gen 5G services Use latest WiFi 802.11ac, ad etc |



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PHYSICAL CHARACTERISTICS

| | |
|-------------|---|
| Dimensions | 164.2 x 80.0 x 24.3mm / 6.46 x 3.15 x 0.96in |
| Weight | 654g / 23.07oz |
| Display | 5.2" IPS FHD 1920x1080 |
| Touch Panel | Gorilla Glass, multi-touch pane |
| Power | Li-ion, rechargeable, 8000mAh - Standby: over 500 hours , Continuous use: over 12 hours |
| Audio | Speaker, 2 microphones |

PERFORMANCE

| | |
|-----------|---|
| CPU | Cortex-A53 Octacore 2.5 GHz |
| RAM+ROM | 3GB + 32GB / 4GB + 64GB (optional) |
| Expansion | Supports up to 256GB Micro SD (TF) card |

USER ENVIRONMENT

| | |
|-----------------|--------------------------------|
| Operating Temp. | -4 F to 140F / -20 C to 60 C |
| Storage Temp. | -40 F to 158 F / -40 C to 70 C |
| Humidity | 5%RH - 95%RH non condensing |

DEVELOPING ENVIRONMENT

| | |
|------------------|--------------------------------|
| Operating System | Android 13.0 |
| SDK | EXARK Software Development Kit |
| Language | Java |

COMMUNICATION & CAMERA

| | |
|-----------|---|
| WLAN | IEEE802.11 a/b/g/n, 2.4G/5G dual-band, internal antenna |
| Bluetooth | Bluetooth 4.0, |
| GNSS | BLE GPS/AGPS, GLONASS, BeiDou; internal antenna |
| Camera | 13MP Autofocus with flash GPS |

ACCESSORIES



Cradle



AC Adaptor



USB Cable

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