

orKan 2D Imager Bluetooth mobile terminal



- **Embedded display for instant data treatment**
- **Comes with 4 pre-loaded applications**
- **1D Laser, 1D CMOS & 2D Full Imager versions**
- **Withstands several 2 meter drops onto concrete**
- **IP54**
- **Bluetooth Class 1 (100m)**
- **Heavy duty removable battery**
- **RFID version (coming soon)**

orKan

- **Field Force Automation**
- **Inventory Management**
- **Transport & Delivery**
- **Pharmacy, Medical & Healthcare Applications**
- **Access Control**

Electronics Characteristics

CPU	ARM9
Memory	SDRAM 128 Mbits - NAND Flash 64 MBytes
Display characteristics	Graphic monochrome (white & deep blue) - OLED Technology - Diagonal: 1.54 In - Res.128 x 64 pix
Display comments	Up to status bar - capability to display : 5 lines of 21 characters (small font) 4 lines of 16 characters (big font)

Real Time Clock (RTC) for timestamp

Scan Engine	Reading Modes	Depth of Field
Reference (manufacturer)	IT5180SR (Honeywell)	Trigger
Reading technology	Imager	Laser beam ON via Bluetooth
Light source	Illumination LEDs: 626nm+30nm Aiming Led: 526nm+30nm	Auto-scan (no duplicate scan) Manual auto-scan
Reading distance	5 to 33 cm	8.3 Mil Linear 3.5 to 7.75 In 13 Mil UPC 2 to 13.25 In 15 Mil DataMatrix 2.3 to 10.2 In 15 Mil QR 3.1 to 8.8 In 35 Mil 2 to 13 In
Scan rate	n/c	
Scan angle	40°	
Light	0 to 100 000 Lux	

Supported Barcode Symbologies

Linear barcodes

Code 2 of 5 standard - Code 2 of 5 Industrial - Interleaved 2 of 5 - IATA Code 2 of 5 - Matrix 2 of 5 - Codabar/Monarch - Code 11 - Code 128 - GS1-128 (UCC/EAN-128) - Code 39 - Code 93 - UPC-A - UPC-E - GS1 DataBar Omnidirectionnel (RSS-14) - GS1 DataBar Stacked Omnidirectionnel (RSS-14 stacked) - GS1 DataBar Expanded (RSS expanded) - GS1 DataBar Expanded Stacked (RSS Expanded Stacked) - Planet Code - Postnet - PosiCode

2D barcodes

Australian Post - Aztec Code - British Post - Canadian Post - China Post - CodaBlock - Code 16K - Code 49 - DataMatrix - Japanese Post - Kiw (Netherlands) Post - Korea Post - MaxiCode - Micro PDF417 - PDF417 - QR Codes - TelePen

User Interfaces	Supported Interfaces	Using Modes
Buzzer	106 db(A)	Standard dongle
LED	2x tricolor (green, orange, red)	USB Plug&Scan
Vibrator	yes	RS232 Plug&Scan
		Real time (raw) Real time with No Data Loss with buffer Batch

Power Energy

Battery type	Removable battery pack - Lithium Polymer
Battery capacity	2000 mAh
Battery dimension	64.5 x 36 x 12 mm
Charging time	With provided PSU or cradle : 4 hours
Back up battery	

Communication Interfaces

Radio frequency	Bluetooth 2.0 + EDR (SPP profile)
Radio range	Class 1 (100m)
USB	USB v2.0 (micro USB)
Cradle	Depending on cradle version

User Environment

Operating temperature	-10°C - +40°C
Storage temperature	-20°C - +50°C
Humidity	5 - 95 % (non-condensing)
Shocks	Multiple 2m / 6.6ft drops onto concrete (with protective boot)
IP rate	IP 54

Physical Characteristics

Length	134.3 mm
Width	57.1 mm
Height	36.9 mm
Weight	186 g

Box content

- 1 orKan terminal with rechargeable battery
- 1 charger - 1 universal charging adaptor (AUS/EU/US/UK)
- 1 CD with software and documentation

orKan Accessories

- Cradle
- Protective boot
- External battery

