

orKan 1D CMOS

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

- **Transport & Delivery**
- **Inventory Management**
- **Picking & Order Preparation**
- **Goods in / Goods out**
- **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
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)	EV10 (Intermec)	Trigger	5 Mil	3.5 to 7.5 In
Reading Technology	CMOS	Aiming	10 Mil	2 to 11 In
Light source	617 nm	Laser beam ON via Bluetooth	100% UPC/EAN	2 to 11.5 In
Reading distance	4 to 50 cm (for 40mil barcode)	Auto-scan (no duplicate scan)	20 Mil	1.5 to 14 In
Scan rate	200 scans/second	Manual auto-scan	40 Mil	3 to 20 In
Scan angle	40°			
Light	0 to 100 000 Lux			

Supported Barcode Symbologies

Linear Barcodes
 Code 2 of 5 standard - Interleaved 2 of 5 - Matrix 2 of 5 - Codabar/Monarch - Code 11 - Code 128 - GS-128 (UCC/EAN-128)
 Code 39 - Italian PharmaCode - Code 93 - UPC-A - UPC-E - EAN 8 / EAN 13 - JAN 8 & JAN 13 - ISSN / ISBN - MSI
 GS1 DataBar Omnidirectionnal (RSS-14) - GS1 DataBar Limited (RSS-14 Limited)

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

Power Energy		Communication Interfaces	
Battery type	Removable battery pack - Lithium Polymer	Radio frequency	Bluetooth 2.0 + EDR (SPP profile)
Battery capacity	2100 mAh	Radio range	Class 1 (100m)
Charging time	With provided PSU or cradle : 4 hours	USB	USB v2.0 (micro USB)
Back up battery		Cradle	Depending on cradle version
Battery dimension	64.5 x 36 x 12 mm		

User Environment		Physical Characteristics	
Operating temperature	-10°C - +40°C	Length	134.3 mm
Storage temperature	-20°C - +50°C	Width	57.1 mm
Humidity	5 - 95 % (without condensing)	Height	36.9 mm
Shocks	Multiple 2m / 6.6ft drops onto concrete (with protective boot)	Weight	~175 g
IP rate	IP 54		
Electrostatic discharge	Compliant with 8kv of discharge in the air and 4kv of discharge by contact		

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

