

## orKan 1D Laser 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

- **Data Capture in Warehouse**
- **Inventory Management**
- **Picking & Order Preparation**
- **Goods in / Goods out**
- **Work-in-Progress**

**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)	SE950-I100R (Motorola)	Trigger	5 Mil	1.8 to 8 In
Reading technology	Laser Class 2	Aiming	10 Mil	2.2 to 18 In
Light source	650 nm	Laser beam ON via Bluetooth	100% UPC/EAN	2.2 to 24 In
Reading distance	5 to 85 cm (for 40mil barcode)	Auto-scan (no duplicate scan)	20 Mil	2.5 to 29 In
Scan rate	104 scans/second	Manual auto-scan	40 Mil	3 to 33 In
Scan angle	47°		55 Mil	3 to 42 In
Light	4844 to 107 640 Lux			

**Supported Barcode Symbolgies**

**Linear Barcodes**

Code 2 of 5 standard - Interleaved 2 of 5 - Matrix 2 of 5 - Codabar/Monarch - Code 11 - Code 128 - GS1-128 (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
Buzzer	106 db(A)	Standard dongle	Real time
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	2000 mAh	Radio range	Class 1 (100m)
Battery dimension	64.5 x 36 x 12 mm	USB	USB v2.0 (micro USB)
Charging time	With provided PSU or cradle : 4 hours	Dock	USB v2.0 protocol
Back up battery			

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 % (non-condensing)	Height	36.9 mm
Shocks	Multiple 2m / 6.6ft drops onto concrete (with protective boot)	Weight	180 g
IP rate	IP 54		

**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

