



ScanPal 2

Features

- **128 x 64 dot Graphic LCD Display (backlit)**
- **CCD or Laser scan engine options**
- **1 MB for programs and 1 MB SRAM for data**
- **RS232, KBW, Infrared & IrDA interfaces**
- **Alkaline or NiMH rechargeable batteries**
- **Application generator and download software**

The ScanPal 2 is a portable data collection terminal with elegant styling. It is designed to provide high performance for all-day, everyday use. It is supported by a rich set of development tools, including 'C', 'BASIC' and a Windows-based application generator.

With its integrated Laser/LRCCD barcode scanning unit, the ScanPal 2 is ideal for inventory control, work-in-process tracking, shop floor management, asset tracking, meter reading, warehousing and distribution operations.

Accessories:

- Download/Charger Cradle.
- Dual battery pack charger (incl power supply).
- IR Transceiver.
- Protective case.
- KBW interface cable.
- Basic & 'C' development tools.



ScanPal 2

Preliminary Specification

OPERATIONAL

| | |
|----------------------|--|
| CPU | 16-bit CMOS, low power consumption |
| Program memory | 1 MB flash memory |
| Data memory | 1 MB SRAM |
| Display | 128 x 64 graphic dots FSTN with LED back-lit |
| Keypad | 21 rubber keys |
| Indicator | Buzzer – Programmable, 1 KHz to 4KHz LED – Dual-color, green and red |
| Laser Scanner | Light source – Visible Laser diode operating at $670 \pm 15\text{nm}$. Scan rate – $36 \pm \text{scans/sec}$ Scan angle – 42° nominal Depth of field – 5cm - 95cm, depends on bar code resolution |
| Long Range CCD | Resolution – 0.15mm - 1.00mm Depth of field – 20cm (for 0.33mm label) Scan rate – 100 scans/sec |
| Communication | RS-232 – Transmission speed up to 115.2k bps IrDA – Standard 1.0 compatible, up to 115.2k bps High speed IR – Up to 115.2k bps transmission rate |
| Programming Language | 'C', 'BASIC', and a Windows-based Application Generator |

MECHANICAL

| | |
|--------|-----------------------------|
| Length | 145 mm |
| Width | 63 mm |
| Height | 33.5 mm |
| Weight | 180 g (including batteries) |

ELECTRICAL

| | |
|---------------------------|---|
| Power - Battery Operation | Two AAA size removable/rechargeable batteries |
| Power - Backup Battery | 3.0V, 7.0mAh, rechargeable NiMH battery |
| Operation | Over 100 hours (with Alkaline batteries) |

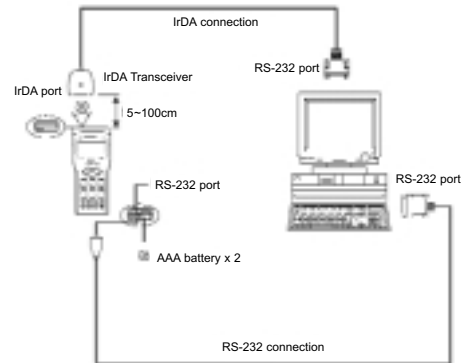
ENVIRONMENTAL

| | |
|-----------------------|-------------------------------------|
| Operating Temperature | -20°C to 60°C |
| Storage Temperature | -30°C to 70°C |
| Humidity | Non-condensing 5% to 95% |
| Shock resistance | 1.2m drop onto concrete |
| EMC regulation | FCC class-A, CE and C-Tick approved |

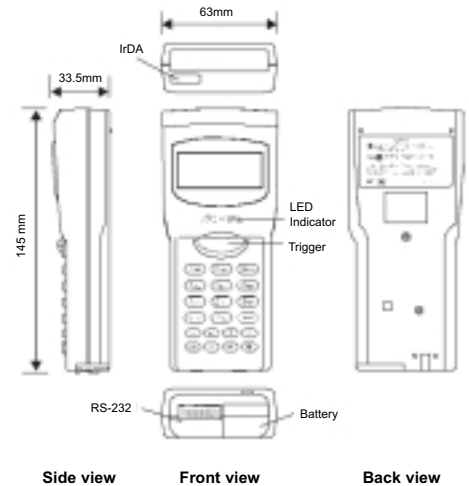
KBW cable, High speed IR Transceiver, Protective case, Dual battery pack charger, Download/Charger Cradle

Specifications subject to change without notice.
Copyright October 2000.
Metrologic, All rights reserved.

RS-232 and IrDA Connection



Dimensions



Metrologic®

stethos GmbH | Weimarer Str. 48 | D-71065 Sindelfingen | Germany
Tel: +49 (0) 7031-860910 | Fax: +49 (0) 7031-871444 | Email: info@stethos.com | www.stethos.com