

# CITIZEN

# Citizen PD22

Citizen's PD series of portable printers are designed to be the ultimate

in portable printing. Whether your application is printing receipts for customers, packing lists for products or messages sent to your telephone,

the PD series of printers are ideal partners.

#### **Fast And Quiet**

The high-speed thermal head of the PD22 printer allows printing at up to 1.5 inches per second. In other words, it can print an 6-inch, 150mm long receipt in just four seconds but with only the slightest murmur from the printer.

#### **Incredibly Light Weight**

Weighing in at just 112 grams for the printer and with a total operational weight of less than 250 grams, the PD22 has to be one of the smallest and lightest printers in the world.

Using standard "AA" size batteries makes the printer flexible and easy to use as alkaline batteries are available from virtually any shop.

Alternatively, rechargeable NiCd or NiMH batteries are available from your local supplier for added convenience.

## **Clamshell Media Loading**

Media loading on the PD22 is equally easy with the clamshell mechanism - simply drop in the roll of paper and close the cover.

# Connectivity and compatibility

The PD22 features industry standard RS232C serial interface and IrDA infra-red interfaces. Both are compatible with a vast range of data sources, from handheld PCs, notebooks, mobile phones to industrial laser scanner terminals and can be used in a wide range of applications from receipt printing to stock control.



### **Technical Specification**

|                                                                            | PD-22                                                                                                                 |  |
|----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|--|
| Technology                                                                 | Direct thermal                                                                                                        |  |
| Resolution                                                                 | 203 dpi, 8 dots / mm                                                                                                  |  |
| Printhead                                                                  | 384 dots                                                                                                              |  |
| Print Width<br>Media Width                                                 | 48 mm<br>58 mm                                                                                                        |  |
| Print Speed (1 ply mode) Approximate speed                                 | 300 dotlines/sec<br>1.5 inches/sec                                                                                    |  |
| Mechanism type                                                             | Clam shell                                                                                                            |  |
| Integral Paper Roll                                                        | 30 mm outside diameter<br>Approximately 10m linear length                                                             |  |
| Media Types                                                                | Roll, cut sheet, multi-copy paper                                                                                     |  |
| Interfaces                                                                 | IrDA 1.0<br>Serial RS232C up to 115,200 bps                                                                           |  |
| Emulations                                                                 | ESC/P, Citizen original and ESC/POS (barcode commands only)                                                           |  |
| Input Buffer                                                               | 64 Kb                                                                                                                 |  |
| User Interface                                                             | 2 keys, 2 LEDs                                                                                                        |  |
| Dimensions (W x D x H)                                                     | 78 x 108 x 35 mm                                                                                                      |  |
| Total Weight * - Printer - Paper roll holder - Batteries - Full paper roll | 240 g<br>112 g<br>(integral with printer)<br>93 g<br>35 g                                                             |  |
| Battery Type                                                               | 4 x AA cells<br>Alkaline, NiCd, NiMH                                                                                  |  |
| Operating Temperature<br>Humidity<br>Storage                               | 0°C to +45°C (guaranteed print quality)<br>30% to 90% RH<br>-25°C to +60°C                                            |  |
| Head Life                                                                  | 50 million pulses, 30 Kms                                                                                             |  |
| Options & Accessories                                                      | RS232 cable<br>Roll paper<br>Spare battery set <sup>†</sup><br>Battery charger <sup>†</sup><br>Soft case <sup>†</sup> |  |

 $<sup>^{</sup>st}$  All weights are approximate and subject to source of media supplies or batteries

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<sup>†</sup> Please consult with your supplier for exact specification & requirements for these parts