



Coletor de Dados Arox PA-20

O Coletor de Dados Arox PA-20 é um dispositivo portátil sem fio de alto desempenho que realiza captura de dados e digitaliza os códigos de barras armazenando em sua memória interna para depois realizar a transferência para o computador.

PA-20 / PA-21

Portable Data Terminal

ARGOX
Empower the Barcode



The PA-20 series Portable Data Terminal (PDT) is a high performance wireless handheld mobile data capture device that scans and stores bar code data for upload to computer. The compact, industrial strength PA-20 series features a superior scanner, large 16MB RAM memory, a color display, and a bold exterior design. The PA-20 series also supports RS-232 for transmitting data to a variety of devices, as well as USB for high speed transmission.

Ideal for intensive commercial uses, the PA-20 series is shockproof, dustproof, and waterproof in compliance with IP54. The ergonomic, professional keypad and pistol grip are made of wear-resistant rubber and are comfortable to operate. For dark environments the keypad uses a white backlight, and the PA-20 series also vibrates for scanning confirmation in noisy or noise-sensitive environments. A 2.4-inch color LCD screen supports 12-, 16- and 24-dot fonts as well as multiple languages. The PA-20 series offers tough connections via Pogo Pin and Cradle and high quality cable connections, so broken connections are not an issue. Rechargeable standard and pistol grip batteries provide extended battery life for longer scanning operation. Accessories include single cradle, four-slot battery charger, holster, and charging and communication cable.



Key Features

- Sharp and bright color TFT QVGA display
- Ergonomic, compact, robust and lightweight
- Bluetooth technology (optional)
- 1.2 m (4 ft) drop resistance
- IP54 protection class
- Quick attach handle
- Extremely long operation hours



Bluetooth



| Model | PA-20 | PA-2010 | PA-21 | PA-2110 |
|--------------------------|--|-------------------------------|------------------------------------|-------------------------------|
| Wireless Communication | | | | |
| WPAN | - | Bluetooth Class2, version 2.0 | - | Bluetooth Class2, version 2.0 |
| General Characteristics | | | | |
| OS | Proprietary | | | |
| CPU | ARM9 Core 533MHz | | | |
| RAM | 16MB | | | |
| ROM | 20MB | | | |
| Display | 2.4" LCD TFT Transmissive, 240 x 320 QVGA 65K colors | | | |
| LED | Blue, Green and Red | | | |
| Keypad | 29 Numeric | | | |
| Alert | Buzzer, Vibrator | | | |
| Dimensions | 169.0mm (L) x 70.1mm (W) x 34.0mm (H) | | | |
| Weight | 235g (including battery) | | | |
| Power | | | | |
| Battery | 1) Data collector: Rechargeable 3.7V 1950mAh Li-Polymer Battery 2) Optional Pistol Grip: Rechargeable 3.7V 5000mAh Li-ion Battery | | | |
| Power | Power supply: DC 5V 3A AC Power 100-240V 0.5A, 50-60Hz, 33-48VA | | | |
| Scanner | | | | |
| Scanner system | Long Range CCD scanner 2048 pixels | | Visible Laser Diode (VLD) @ 650 nm | |
| Resolution | 0.127mm (5mil) at PCS 90% | | 0.10mm (4.0mil) at PCS 90% | |
| Depth of field | 600mm (code 39, 20mils, PCS 90%) | | 295mm (code 39, 20 mils, PCS 90%) | |
| Scanning rate | 400 scans /sec | | 100 scans / sec | |
| Decode capability | Auto discriminates all standard one-dimension barcodes; including GS1 databar | | | |
| Physical and Environment | | | | |
| Operating Temperature | -10°C to 60°C / 14°F to 140°F | | | |
| Storage Temperature | -20°C to 70°C / -4°F to 158°F | | | |
| Humidity | Operating: Non-condensed 10% to 90% Storage: Non-condensed 5% to 95% | | | |
| Drop test | 1.2M/4ft (Terminal) 0.9M/3ft (Cradle)/(4 drops per 6 sides) | | | |
| Sealed standard | IP54 | | | |
| Electrostatic discharge | +/- 15 KV air discharge +/- 8 KV direct discharge | | | |
| EMC Regulation | FCC, CE | | | |
| Developing tools | | | | |
| Software | Software Development Kit (SDK), Architect (Application Generator) | | | |
| Program Language | C language, basic language | | | |
| Accessory | | | | |
| | Charging & Communication Cable | | | |
| | Charging & Communication Cradle | | | |
| | Pistol Grip | | | |
| | Four Slot Charging Base | | | |