

## a\*pos - Portable Data Collector



|                             |   |
|-----------------------------|---|
| <b>SYSTEM</b>               |   |
| CPU                         | ST STM32 32 bit CPU with 512K Program flash RAM                                   |
| Memory                      | 2M Byte SRAM (1MB lookup table)<br>4M Byte Flash RAM (For Font)                   |
| Data Capacity               | 1 MB or 35,000 records  |
| OS                          | Proprietary   |
| <b>APPLICATION SOFTWARE</b> |   |
| Operating System Support    | Windows Families (Win 98/ Me/ 2000/ XP/ Vista/ Win 7)                             |
| Data Management             | Job Generator Software  |
| <b>DISPLAY</b>              |   |
| Display                     | 128 x 128 graphic dots FSTN LCD display with blue back light                      |
| Keypad                      | 21 rubber keys (including alphanumeric keys, function keys, and scan trigger key) |
| Buzzer                      | Software programmable audio indication, 1KHz to 4KHz, low power transducer type.  |
| LED                         | Dual Color (Red/ Green) LED Indicator   |
| <b>CONNECTIVITY</b>         |   |
| Interface                   | Standard RS-232 & USB (Virtual RS-232)  |
| Transmission Rate (RS-232)  | 9,600 bps ~ 115,200 bps   |
| <b>SCANNER</b>              |   |
| Scanner Type                | Visible Laser diode operating at 640 ~ 660 nm                                     |
| Scan Speed                  | 120 ~ 80 scans per second   |
| Minimum print contrast      | 20% absolute dark/ light reflectance at 670 nm                                    |
| Depth of Field              | 5 ~ 65 cm, depends on barcode resolution  |
| <b>OTHERS</b>               |   |
| Battery                     | Rechargeable Lithium Battery Pack (1700 mAh/ 3.7V)                                |
| Backup Battery              | 3.0V, 18mAh Rechargeable Lithium battery for SRAM                                 |
| Operating Time              | Over 24 hours and more than 28,000 scans (LCD Backlight Off)                      |
| Material                    | ABS   |
| Color                       | Black   |
| Shock resistance            | 1.2m drop onto concrete   |
| Compliance                  | FCC/ CE/ WEEE/ RoHS   |
| Weight                      | 175 g   |
| Dimension (L x W x H:mm)    | 145 x 64 x 31   |
| Operating Temperature       | 0°C ~ 45°C  |
| Operating Humidity          | 10% ~ 85% RH, non-condensing  |
| Storage Temperature         | -10°C ~ 45°C  |
| Storage Humidity            | 5% ~ 85% RH, non-condensing   |