



## K80 - TORNADO PRINTER

80mm ticket / receipt printer

- 200dpi best printing quality
- Paper width from 76 to 80mm
- Paper roll (diameter 180mm on board)
- RS232 and USB interface
- 1D/ 2D barcodes printing capability (QR CODE)
- International fonts on board: any language available
- Highly reliable cutter
- Sensors: Head temperature, paper presence, near paper end, black mark 6 position, ticket out



## CHARACTERISTICS

### Ideal solution for ATM's VTM's & Self Service Kiosk

- Ultra-compact
- Heavy-duty alluminium printing engine
- Anti-jamming system
- Anti-intrusion shutter
- Anti-splash paper exit
- On/off switch

## AVAILABLE VERSIONS

- K80 - TORNADO PRINTER: With output paper mouth, anti intrusion shutter and ticket sensor, low paper level sensor for roll up to 180mm
  - K80 - PRINTING KIT: kit including printer mechanism, cutter & board, ideal for queue management
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## ACCESSORIES

- Near paper end sensor for paper roll exceeding 180mm

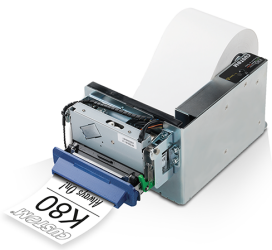
### What is in the box:

- Device, locking ring
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## TECHNICAL SHEET

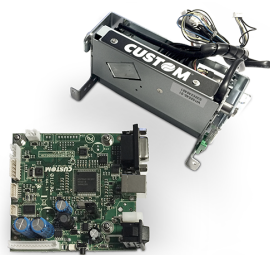
|                       |                                                                                                                                                             |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Printing Method       | Thermal, fixed head                                                                                                                                         |
| Number of dots        | 8 dot/mm                                                                                                                                                    |
| Resolution            | 203 dpi                                                                                                                                                     |
| Printing (mm/sec)     | 150 mm/s                                                                                                                                                    |
| Character set         | 54 character code tables<br>Extended chinese GB18030-2000, Korean PC949                                                                                     |
| Supported Barcode     | UPCA, UPCE, EAN13, EAN8, CODE39, ITF, CODABAR, CODE93, CODE128, CODE32, QRCODE                                                                              |
| Printing Format       | Height/Width from 1 to 8, bold, reverse, underlined, italic                                                                                                 |
| Printing Direction    | Normal, 90°, 180°, 270°                                                                                                                                     |
| Paper width           | 76, 80 ± 0,5 mm                                                                                                                                             |
| Paper weight          | from 55 g/m2 to 80 g/m2                                                                                                                                     |
| Paper thickness       | from 63 $\mu$ m to 88 $\mu$ m                                                                                                                               |
| Printing width        | from 52 to 80mm                                                                                                                                             |
| Roll Dimension        | max 180 mm                                                                                                                                                  |
| Sensors               | Head temperature, paper presence, near paper end, black mark, ticket out                                                                                    |
| Emulation             | CUSTOM/POS                                                                                                                                                  |
| Interfaces            | USB + RS232 Serial                                                                                                                                          |
| Data Buffer           | 8 Kbytes                                                                                                                                                    |
| Flash Memory          | 768 Kbytes internal, 4 Mbytes external                                                                                                                      |
| RAM Memory            | 128 Kbytes                                                                                                                                                  |
| Graphic Memory        | 1 logo (640x409 dots)                                                                                                                                       |
| Drivers               | Windows® (32/64 bit) – only on request WHQL and silent installation;<br>Linux (32/64 bit);<br>Virtual COM (Linux or Windows 32/64 bit);<br>Android™;<br>iOS |
| Software Tools        | PrinterSet, CustomPowerTool, Custom Windows API                                                                                                             |
| Power supply          | 24 Vdc ±10% (optional external power supply)                                                                                                                |
| Medium consumption    | 0.8 A (12,5% dots on)                                                                                                                                       |
| MTBF                  | 165 245 hours (electronic board)                                                                                                                            |
| Head Life             | 100 Km                                                                                                                                                      |
| MCBF                  | 1.000.000 cut                                                                                                                                               |
| Operating temperature | from 0°C to +50°C                                                                                                                                           |
| Dimensions            | 258(L) x 103.5(H) x 135(W) mm                                                                                                                               |
| Weight                | 1250 g                                                                                                                                                      |

## MODELS



## **915LC011100300**

PRINTER K80 USB RS232  
SHUT+NOTCH+MOUTH



## **976LC010000001**

KIT MECHANISM + CUTTER +  
BOARD K80

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The technical data on this website are not binding and may be changed without advanced notice.

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