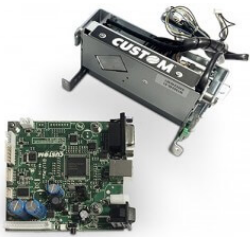# K80 - TORNADO PRINTER

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 (QRCODE)
- 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-instrusion 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

ACCESSORIES

- Near paper end sensor for paper roll exceeding 180mm

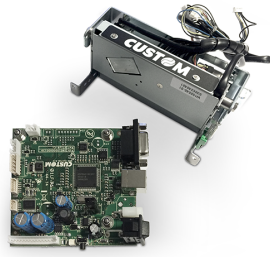**What is in the box:**

- Device, locking ring

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 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 ㎛ to 88 ㎛
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; Linux (32/64 bit); Virtual COM (Linux or Windows 32/64 bit); Android™; 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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