



## VKP80III

### 80mm ticket / receipt printer

- High print quality (200 DPI)
- Paper width: from 50mm to 82.5mm
- Paper thickness: from 60 to 110 g/m<sup>2</sup>
- Printing > 250 mm/sec
- Presenter function (speed > 1000 mm/s)
- Paper roll (180mm diameter) and fan-fold (450 tickets)
- Multiposition paper roll (3 positions for both side)
- Highly reliable and sturdy
- RS232 and USB 2.0 full speed serial interfaces
- 1D & 2D barcodes: UPC-A, UPC-E, EAN13, EAN8, CODE39, ITF, CODABAR, CODE93, CODE128, CODE32, PDF417, DATAMATRIX, AZTEC, QRCODE
- True Font characters supported
- Highly durable printing head (200 Km)
- Highly reliable cutter: > 1,000,000 cuts
- MTBF > 450,000 hours
- Sensors: paper end (ticket presence), paper outfeed, printer cover open, near paper end on external paper roll holder, print head temperature, VeriNotch: mobile notch/black mark sensor on the non-thermal side; Optional TopNotch sensor
- Extra cable for the paper near end sensor, it can be used when the paper roll holder is installed 90° on the right side



## CHARACTERISTICS

- The most compact kiosk printer: only 116x143x76 mm
- Flexible: roll holder separate from the printer body, with ergonomic system for paper loading from the right or left side, suitable for all types of kiosks
- Connectors available on the left side (standard) or back side (optional)
- Anti-jamming system with printer clean command and jam removal
- Automatic ticket Presenter
- Retracting function without ticket presentation
- Hot swap function: the printer can be removed from the kiosk without powering it off
- Special VeriNotch and TopNotch sensors (optional)
- Print head with auto-diagnostic function: it is possible to get the number of non-working dots
- Label management: transparent alignment exploiting the mobile notch sensor and the paper sensor

## APPLICATIONS:

- Self-service kiosks
- Banking machines and cash dispensers
- Gaming machines
- Parking payment terminals
- Vending machines
- Queue management systems

## SOFTWARE:



**SOFTWARE PrinterSet** : to update logos, edit characters, set operating parameters and update the printer firmware. It allows you to create a file including the different SW customizations and send them to the printer via the interface provided, for easy and fast setting.

- DLL Status Monitor
- Auto-installing driver for XP/Vista/7 (+64bit support) /8 ; Linux Drivers
- Supports "monospace" True Font characters Font: all languages available on-board
- Virtual comm: the system detects the USB port as a serial port
- CUSTOM operating system
- CustomPowerTool

## AVAILABLE VERSIONS:

- Serial+USB 24V side connector
- Serial+USB 24V rear connector
- ETH+USB 24V side connector

## FOCUS ON:

### Printer with digital journal:

The printer allows you to save the data received in the Flash Memory in text or image format. The data can be easily read using a USB storage device.

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## ACCESSORIES



### Shutter for outdoor use:

- Allows you to reduce on-site technical service costs, since it strongly increases the life of internal components
- It prevents any accidental introduction of objects into the printer bezel
- No software update required
- Easy to install, even on site (retrofit)

### Operating conditions:

- Minimum paper weight: 60gr/mq with 85% humidity (non-condensate)
- Operating temperatures: -20 +70°C ±10%

- TOP-NOTCH sensor: reads notches or black marks on the upper thermal side, both in the left and right angles
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## TECHNICAL SHEET

|                        |   |
|------------------------|---|
| <b>Printing Method</b> | Thermal with fixed head   |
| Number of dots         | 8 dots/mm   |
| Resolution             | 203 DPI / enhanced printing quality                                       |
| Printing (mm/sec)      | High speed > 250 mm/sec   |
| Character set          | PC437, PC850, PC860, PC863, PC865, PC858                                  |
| Printing Format        | Normal, height and width from 1x to 8x, reverse, underlined, italic, bold |
| Printing Direction     | Straight, 90°, 180°, 270°   |
| Paper width            | from 50 to 82.5 mm  |
| Paper weight           | from 60 to 110 g/m <sup>2</sup>   |
| Roll Dimension         | max 180mm   |
| Emulation              | CUSTOM/POS  |
| Interfaces             | RS232 + USB   |
| Data Buffer            | 16 KB text / 1MB graphics   |
| Flash Memory           | 5 MB (of which 1MB available to the user)                                 |
| Drivers                | Win XP, Vista, 7, 8; Linux  |
| Software Tools         | CustomPowerTool; PrinterSet   |
| Power supply           | 24 Vdc±10%  |
| Medium consumption     | 1A (12,5% dots turned on)   |
| MTBF                   | 450,000 hours (electronic board)  |
| Head Life              | 200Km / 100 MI pulses   |
| MCBF                   | 1,000,000 cuts  |
| Operating temperature  | -20°C + 70°C  |
| Dimensions             | 143.5 (L) x 76.4 (H) x 116 (W) mm   |
| Weight                 | 0.8 Kg  |

## MODELS



**915DX010100J00**  
 PRINTER VKP80III ETH USB SIDE  
 CONNECTORS



**915DX010700300**  
 PRINTER VKP80III USB RS232  
 REAR CONN.



**915DX010800300**  
 PRINTER VKP80III USB RS232 SIDE  
 CONN.

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