VKP80III

80mm ticket / receipt printer

- High print quality (200 DPI)
- Paper width: from 50mm to 82.5mm
- Paper thickness: from 60 to 110 g/m²
- 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, QR CODE
- 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.

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°C +70°C ±10%

• TOP-NOTCH sensor: reads notches or black marks on the upper thermal side, both in the left and right angles
• Jumbo roll holder kit with near paper end sensor
### TECHNICAL SHEET

<table>
<thead>
<tr>
<th><strong>Printing Method</strong></th>
<th>Thermal with fixed head</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Number of dots</strong></td>
<td>8 dots/mm</td>
</tr>
<tr>
<td><strong>Resolution</strong></td>
<td>203 DPI / enhanced printing quality</td>
</tr>
<tr>
<td><strong>Printing (mm/sec)</strong></td>
<td>High speed &gt; 250 mm/sec</td>
</tr>
<tr>
<td><strong>Character set</strong></td>
<td>PC437, PC850, PC860, PC863, PC865, PC858</td>
</tr>
<tr>
<td><strong>Printing Format</strong></td>
<td>Normal, height and width from 1x to 8x, reverse, underlined, italic, bold</td>
</tr>
<tr>
<td><strong>Printing Direction</strong></td>
<td>Straight, 90°, 180°, 270°</td>
</tr>
<tr>
<td><strong>Paper width</strong></td>
<td>from 50 to 82.5 mm</td>
</tr>
<tr>
<td><strong>Paper weight</strong></td>
<td>from 60 to 110 g/m²</td>
</tr>
<tr>
<td><strong>Roll Dimension</strong></td>
<td>max 180mm</td>
</tr>
<tr>
<td><strong>Emulation</strong></td>
<td>CUSTOM/POS</td>
</tr>
<tr>
<td><strong>Interfaces</strong></td>
<td>RS232 + USB</td>
</tr>
<tr>
<td><strong>Data Buffer</strong></td>
<td>16 KB text / 1MB graphics</td>
</tr>
<tr>
<td><strong>Flash Memory</strong></td>
<td>5 MB (of which 1MB available to the user)</td>
</tr>
<tr>
<td><strong>Drivers</strong></td>
<td>Win XP, Vista, 7, 8, Linux</td>
</tr>
<tr>
<td><strong>Software Tools</strong></td>
<td>CustomPowerTool; PrinterSet</td>
</tr>
<tr>
<td><strong>Power supply</strong></td>
<td>24 Vdc±10%</td>
</tr>
<tr>
<td><strong>Medium consumption</strong></td>
<td>1A  (12.5% dots turned on)</td>
</tr>
<tr>
<td><strong>MTBF</strong></td>
<td>450,000 hours (electronic board)</td>
</tr>
<tr>
<td><strong>Head Life</strong></td>
<td>200Km / 100 Ml pulses</td>
</tr>
<tr>
<td><strong>MCBF</strong></td>
<td>1,000,000 cuts</td>
</tr>
<tr>
<td><strong>Operating temperature</strong></td>
<td>-20°C + 70°C</td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
<td>143.5 (L) x 76.4 (H) x 116 (W) mm</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>0.8 Kg</td>
</tr>
</tbody>
</table>

### MODELS

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

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

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