



## MODUS3 X

### Small footprint kiosk printer

Ultra-compact printer with electronic card onboard, compatible with ever smaller latest generation kiosks. MODUS3 X combines all the features of a self-service printer with unique compactness. This ultra-light printer, thanks to its full opening cover, is equipped with a user-friendly inspection mechanism for easier maintenance.



## ACCESSORIES

- **Pretensioner for handling large rolls up to 160 mm (180 mm possible)**
- Roll holder with multiple paper position and right/left side fastening up to 80mm (NPE sensor not included)
- Standard roll holder up to 80mm (NPE sensor not included)
- Paper outfeed with anti-jam sensor and ticket output sensor
- Near paper end sensor
- Serial cable with paper feed button and status LED
- Power supply and cables

## MARKETS

- Automatic vending machine
  - Self-service
  - Info kiosk
  - Self-payment
  - Qms
  - Parking
-

## TECHNICAL SHEET

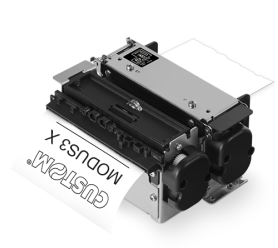
|                          |                                                                                                                                                                                                                                                                                                                                                                                                                     |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Printing Method          | Thermal, fixed head                                                                                                                                                                                                                                                                                                                                                                                                 |
| Number of dots           | 8 dot/mm                                                                                                                                                                                                                                                                                                                                                                                                            |
| Resolution               | 203 dpi                                                                                                                                                                                                                                                                                                                                                                                                             |
| Printing (mm/sec)        | 200 mm/s                                                                                                                                                                                                                                                                                                                                                                                                            |
| Character set            | PC437, PC850, PC858, PC860, PC862, PC863, PC864, PC865, PC866, international                                                                                                                                                                                                                                                                                                                                        |
| Supported Barcode        | UPCA, UPCE, EAN13, EAN8, CODE39, ITF, CODABAR, CODE93, CODE128, CODE32, QR Code, PDF417, Datamatrix, Aztec                                                                                                                                                                                                                                                                                                          |
| Printing Format          | Height/Width from 1 to 8, bold, reverse, underlined, italic                                                                                                                                                                                                                                                                                                                                                         |
| Printing Direction       | Normal, 90°, 180°, 270°                                                                                                                                                                                                                                                                                                                                                                                             |
| Paper width              | from 54 to 82.5 mm                                                                                                                                                                                                                                                                                                                                                                                                  |
| Paper weight             | from 58g/m <sup>2</sup> to 116g/m <sup>2</sup>                                                                                                                                                                                                                                                                                                                                                                      |
| Paper thickness          | from 63µm to 120µm                                                                                                                                                                                                                                                                                                                                                                                                  |
| Printing width           | from 48 to 80 mm                                                                                                                                                                                                                                                                                                                                                                                                    |
| Roll Dimension           | 120 mm<br>Up to 160 mm (180 mm possible) with optional pretensioner                                                                                                                                                                                                                                                                                                                                                 |
| Sensors                  | Paper input<br>Printhead temperature<br>Cover closing<br>Black mark on non-thermal left side<br>Anti-jam (presenter model only, optional for standard model)<br>Ticket output (optional on standard model)<br>Near paper end (optional)<br>Roll holder with multiple paper position and right/left side fastening up to 80mm (NPE sensor not included)<br>Standard roll holder up to 80mm (NPE sensor not included) |
| Emulation                | CUSTOM/POS                                                                                                                                                                                                                                                                                                                                                                                                          |
| Interfaces               | USB 2.0 full speed (or Virtual COM)<br>RS232 Serial                                                                                                                                                                                                                                                                                                                                                                 |
| Flash Memory             | 768 kB internal                                                                                                                                                                                                                                                                                                                                                                                                     |
| RAM Memory               | 128 kB internal                                                                                                                                                                                                                                                                                                                                                                                                     |
| Drivers                  | Windows® (32/64 bit) – only on request WHQL and silent installation;<br>CUPS Linux (32/64 bit);<br>Virtual COM (Linux or Windows 32/64 bit);<br>OPOS;<br>JavaPOS                                                                                                                                                                                                                                                    |
| Software Tools           | CustomPowerTool, PrinterSet, Status monitor, Windows and Android API                                                                                                                                                                                                                                                                                                                                                |
| Electrical specification | Device: 24, 19.5 Vdc +/- 10% (low power mode)<br>Power supply (optional): from 90 Vac to 264 Vac                                                                                                                                                                                                                                                                                                                    |
| Medium consumption       | 0.8 A                                                                                                                                                                                                                                                                                                                                                                                                               |
| Head Life                | 150 Km / 100 Millions pulse (with recommended paper)                                                                                                                                                                                                                                                                                                                                                                |
| Cutter                   | 1 Million cuts<br>MODUS3 X Partial / Total<br>MODUS3 X PRESENTER Total                                                                                                                                                                                                                                                                                                                                              |
| Operating temperature    | from -20°C to +70°C                                                                                                                                                                                                                                                                                                                                                                                                 |

|            |                                                                 |
|------------|-----------------------------------------------------------------|
| Dimensions | 116 (L) x 51 (D) x 62 (H) mm                                    |
|            | 116 (L) x 96 (D) x 62 (H) mm with presenter                     |
|            | 133 (L) x 167 (D) x 147 (H) mm with paper roll holder           |
|            | 133 (L) x 213 (D) x 147 (H) mm presenter with paper roll holder |
|            | 116 (L) x 54 (D) x 67 (H) mm with pretensioner                  |
| Weight     | 400 gr                                                          |
|            | 614 gr with presenter                                           |

MODELS



**915LF020200300**  
PRINTER MODUS3 X USB RS232  
COMPACT



**915LF020300300**  
PRINTER MODUS3 X USB RS232  
WITH PRESENTER

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