
Print method receipt	Thermal line printing
Print method slip	9-pin serial impact dot matrix
Technology	Hybrid

Fonts & Styles

Print Speed receipt	350 mm/sec
Print Speed slip	5.70 lps (40 columns, 17.80 cpi)
Printing Font	ANK
Column capacity receipt	Paper width 80 mm, 42 / 56
Column capacity slip	45 cps / 60 cps
Character size receipt	1.41 mm (W) x 3.39 mm (H) / 0.99 mm (W) x 2.4 mm (H)
Character size slip	1.56 mm (W) x 3.11 mm (H) / 1.24 mm (W) x 3.11 mm (H)
Character set	95 Alphanumeric, 18 set International, 128 x 12 Graphic
Dot density	180 DPI x 180 DPI
Magnetic Ink Character Recognition	Yes
Printing Characters	Text (incl. Euro symbol), Graphics, Barcode

Paper

Copy capability slip	three copies plus one original
Paper size roll paper	79.50 ± 0.50 (W) mm x dia 83.00 mm
Paper size slip	68 - 230 mm (W) x 68 - 297 mm (H), Min 68 - 152 mm

Interfaces

Interfaces	USB 1.1 Type B, USB 2.0 Type A, RS-232, Wired Network, Drawer kick-out, Customer Display
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Data Buffer

Data Buffer	4 kB or 45 Bytes
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Power

Operating Voltage	24 V
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General

Product dimensions	186 x 278 x 181 mm (Width x Depth x Height)
Product weight	4.4 kg
Colour	Black
Noise Level	Standby: 55 dB (A)
Humidity	Operation 10% - 90%, Storage 10% - 90%
Temperature	Operation 5° C - 45° C, Storage -10° C - 50° C

Reliability

Reliability Receipt Printing	96,000,000 MCBF (Lines), 360,000 MTBF (Hours)
Reliability Slip Printing	65,000,000 MCBF (Lines), 180,000 MTBF (Hours)
Auto Cutter Life	3,000,000 Cuts

Printer life receipt unit	20,000,000 lines
Printer life slip unit	27,000,000 lines (12 million carriage returns)
Ribbon life slip	4,000,000 characters
Print Head Life receipt unit	200 km
Print Head Life slip unit	200,000,000 Mio Characters

Standards Compliance

EMC Standards	CE marking, EN55024, EN55032 Class A, IEC61000-4-2, IEC61000-4-3, IEC61000-4-4, IEC61000-4-5, IEC61000-4-6, IEC61000-4-11, Directive 2014/30/EU
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Other Features

Changeable interface	Yes
NFC	Near Field Communication available
Cutter	Partial Cut
Preloaded SW	Server Direct Print, ePOS-Display, ePOS-Print®
Sensors	Middle of Paper pass sensor, Front cover open sensor, Roll paper cover open sensor, Paper End Sensor, Top of Form sensor, Bottom of Form sensor, Slip eject sensor, Receipt near-end sensor
Greyscale Printing	Yes
Paper Saving Function	Yes

What's in the box

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