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<b>Scanning mode</b>	256-level grey scale, Black and White, Colour, IR (InfraRed)
<b>Scanner type</b>	Contact image sensor (CIS)
<b>Throughput</b>	130 DPM
<b>Resolution cut sheet paper</b>	100 x 100 dpi, 120 x 120 dpi, 200 x 200 dpi, 240 x 240 dpi, 300 x 300 dpi
<b>Resolution ID cards</b>	200 x 200 dpi, 300 x 300 dpi, 600 x 600 dpi
<b>Data format</b>	Grey scale: TIFF, JPEG, BMP, Raster, Black and White: TIFF, BMP, 24-bit colour: TIFF, JPEG, BMP, IR (infrared ray): Same as Black and White, Greyscale
<b>Image Size</b>	Max. 109.728 mm (H) x Max. 255 mm (L)
<b>Scanning speed cut sheet</b>	1,000 mm/s
<b>Scanning speed ID card</b>	118 mm/s
<b>Scanning side and insertion direction</b>	Two-sided
<b>Supported document type</b>	Normal paper, Check cards, ID cards
<b>Document size</b>	110 mm - 235 mm (L) x 60 mm - 120 mm (H)
<b>ID Cards Type</b>	ISO/IEC7810 compliant
<b>ID Cards Size</b>	85.47 mm - 85.9 mm (L) x 53.92 mm - 54.18 mm (H)
<b>Pocket capacities</b>	ASF: 100 Sheets, Main pocket: 100 Sheets, Sub pocket: 50 Sheets
<b>Pockets</b>	Single feed pocket, Two output pockets
<b>MICR reader</b>	Permanent magnetic bias
<b>MICR symbologies</b>	E13B, CMC7
<b>OCR</b>	CMC7, E13B, OCR A, OCR B
<b>Magnetic Stripe Reader (MSR)</b>	HID-Keyboard Mode

## Cut Sheet Paper Unit

<b>Endorsement Print</b>	Yes
<b>Print method</b>	Line inkjet with inkjet head
<b>Colour Printing</b>	Black
<b>Print height</b>	50.8 mm
<b>Printable lines</b>	12 lines / 16 lines Maximum
<b>Print width</b>	90 mm - 215 mm (Depends on the paper length)
<b>Character structure</b>	Font A: 12 x 24, Font B: 9 x 17
<b>Characters per line</b>	Font A: 59 - 126, Font B: 78 - 169 (Depends on the paper length)
<b>Character size</b>	1.41 mm (W) x 3.39 mm (H) / 0.99 mm (W) x 2.4 mm (H)
<b>Character set</b>	95 Alphanumeric, 16 set International, 128 x 11 Graphic
<b>Print speed</b>	1,000 mm/sec
<b>Dot density</b>	180 DPI x 180 DPI
<b>Paper size check</b>	60 mm - 120 mm (H) x 100 mm - 235 mm (L)
<b>Paper Thickness</b>	0.08 mm - 0.2 mm
<b>Paper weight</b>	60 g/m <sup>2</sup> - 120 g/m <sup>2</sup>

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## Roll Paper Unit

<b>Print method receipt</b>	Thermal line printing
<b>Print Speed receipt</b>	300 mm/sec
<b>Dot density receipt</b>	180 DPI x 180 DPI

<b>Column capacity receipt</b>	Paper width 80 mm, 42 / 56
<b>Character size receipt</b>	1.41 mm (W) x 3.39 mm (H) / 0.99 mm (W) x 2.4 mm (H)
<b>Character set receipt</b>	95 Alphanumeric, 16 set International, 128 x 11 Graphic
<b>Paper size roll paper</b>	79.50 ± 0.50 (W) mm x dia 83.00 mm

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## Reliability - Receipt printer unit

<b>Print Head Life receipt unit</b>	150 km
<b>Auto Cutter Life</b>	2,000,000 Cuts
<b>Reliability Receipt Printing</b>	96,000,000 MCBF (Lines), 360,000 MTBF (Hours)

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## Reliability - Cut sheet paper / Image scanner unit

<b>Product mechanism life cut sheet paper/ image scanner unit</b>	2 million item (including reading of checks and ID cards)
<b>ASF life</b>	2 million item
<b>Printer head life cut sheet paper/image scanner unit</b>	6,000 million shots/nozzle
<b>Reliability cut sheet paper/image scanner unit</b>	4,940,000 MCBF (Cycles), 180,000 MTBF (Hours)

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## General

<b>Colour</b>	Black (EBCK)
<b>Paper Types</b>	Cheques

<b>Interfaces</b>	USB 2.0 Type B, USB 2.0 Type A
<b>Operating Voltage</b>	24 V
<b>Power Supply</b>	PS-180 & EURO AC cable
<b>Product dimensions</b>	275 x 410 x 206 mm (Width x Depth x Height)
<b>Product weight</b>	5.7 kg
<b>EMC Standards</b>	CE marking, EN55024, EN55032 Class A, Directive 2014/30/EU
<b>Safety standards</b>	TÜV (EN62368-1)
<b>What's in the box</b>	2 x Ink cartridge, PS-180 & AC cable, Setup guide, USB cable
<b>Humidity</b>	Operation 20% - 80%, Storage 20% - 85%
<b>Temperature</b>	Operation 10° C - 35° C, Storage -20° C - 40° C

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