
Scanning mode	256-level grey scale, Black and White, Colour, IR (InfraRed)
Scanner type	Contact image sensor (CIS)
Throughput	225 DPM
Resolution cut sheet paper	100 x 100 dpi, 120 x 120 dpi, 200 x 200 dpi, 240 x 240 dpi, 300 x 300 dpi
Resolution ID cards	200 x 200 dpi, 300 x 300 dpi, 600 x 600 dpi
Data format	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
Image Size	Max. 109.728 mm (H) x Max. 255 mm (L)
Scanning speed cut sheet	1,000 mm/s
Scanning speed ID card	118 mm/s
Scanning side and insertion direction	Two-sided
Supported document type	Normal paper, Check cards, ID cards
Document size	110 mm - 235 mm (L) x 60 mm - 120 mm (H)
ID Cards Type	ISO/IEC7810 compliant
ID Cards Size	85.47 mm - 85.9 mm (L) x 53.92 mm - 54.18 mm (H)
Pocket capacities	ASF: 100 Sheets, Main pocket: 100 Sheets, Sub pocket: 50 Sheets
Pockets	Single feed pocket, Two output pockets
MICR reader	Permanent magnetic bias
MICR symbologies	E13B, CMC7
OCR	CMC7, E13B, OCR A, OCR B

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

Roll Paper Unit

Print method receipt	Thermal line printing
Print Speed receipt	300 mm/sec
Dot density receipt	180 DPI x 180 DPI
Column capacity receipt	Paper width 80 mm, 42 / 56
Character size receipt	1.41 mm (W) x 3.39 mm (H) / 0.99 mm (W) x 2.4 mm (H)
Character set receipt	95 Alphanumeric, 16 set International, 128 x 11 Graphic

Paper size roll paper 79.50 ± 0.50 (W) mm x dia 83.00 mm

Reliability - Receipt printer unit

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

Reliability - Cut sheet paper / Image scanner unit

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

General

Colour	Black (EBCK)
Paper Types	Cheques
Interfaces	USB 2.0 Type B
Operating Voltage	24 V
Power Supply	PS-180 & EURO AC cable

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