



Mid-Level Card Printer Comparison

Contact an ID Expert at 877-868-0012 or visit www.idcardgroup.com for more info

Product description	EVOLIS Primacy 2012	DATACARD SD260 (Single) / SD360 (Dual) 2010	FARGO DTC 4000 2010	ZEBRA ZXP Series 3 2011	MAGICARD Enduro + 2012	MAGICARD Rio Pro 2010
Manufacturer Printer model Launch date						
Picture						
Printing Method	Thermal Transfer Dye sublimation 300 dpi	Thermal Transfer Dye sublimation 300 dpi	Thermal Transfer Dye sublimation 300 dpi	Thermal Transfer Dye sublimation 300 dpi	Thermal Transfer Dye sublimation 300 dpi	Thermal Transfer Dye sublimation 300 dpi
Print mode	Single sided Dual sided Dual side on-site upgrade/activation Edge-to-edge	Yes Option (factory/on-site) Yes Yes	Yes (SD260) Yes (SD360) No Yes	Yes Option Yes Yes	Yes Option (factory/on-site) Yes Yes	Yes Option (factory/on-site) Yes Yes
Card hoppers	Input feeder capacity (0.76mm/30mil) Output hopper capacity (0.76mm/30mil) Reject hopper capacity Manual feeding	100 cards 100 cards 30 cards No	100 cards 25 cards or 100 cards No Yes (SD260 only)	100 or 200 cards (same side in/output) 100 or 200 cards (same side in/output) 100 (requires same-side hoppers) Yes	100 cards 30 cards No Yes	100 cards 70 cards No Yes
Card specifications	Card thickness min/max Card thickness adjustment Supported card types Material of the card	0.3-1.25 mm (10-50mil) ¹ Manual gauge CR80 PVC, Composite PVC, PET, ABS1, special varnishes1	0.254-0.939mm (10-37mil) Automatic CR80 PVC, Composite PVC	0.229-1.016 (9-40mil) Automatic Automatic CR79-CR80 PVC/ Polyester	0.51-1.02mm (20-40mil) Automatic Automatic CR79- CR80 PVC	0.51-1.02mm (20-40mil) Automatic Automatic CR79- CR80 PVC
Display	LED LCD Printer Manager	Yes No Yes	No Yes N/A	No Yes No	Yes Yes No	No Yes No
Electronic environment	USB Ethernet	Yes Yes	Yes Yes	Yes Option	Yes Option	Yes Yes
Software environment	Windows Mac Linux Supplied software (for PC)	XP/Vista/7 Mac OS X Yes (Q4 2012) Yes - eMedia CS Card Designer	2003/2008/Xp/ Vista/7 No Yes No for the moment ID Works Intro	2003/2008/Xp/ Vista/7 No Yes Yes - Built-in Swift ID	2003/2008/Xp/Vista/7 No No No	2000/2003/2008/Xp/Vista/7 No No Magicard ID standard limited to 50 records
Energy consumption	Energy Star ErP Power consumption (in operation) ² Standby mode Sleep mode	Yes Yes 35 W 1.86W 0.37 W	Yes No 31 W 4.2 W 0.3 W	Yes No 42 W 6.02 W 3.67 W	No No 34 W N/A 0.92 W	No No 35.5 W N/A 4.64 W
Acoustics (ISO 7779) ³	Sound pressure while operating Sound pressure standby mode	48.0 dB(A) background noise level	53.7 dB(A) background noise level	52.0 dB(A) background noise level	53.3 dB(A) background noise level	52.8 dB(A) background noise level
Encoding options	Magnetic stripe encoding Field upgradable magnetic encoder Smart card contact station Contact/contactless smart encoder	Yes Yes Yes-field upgradable Yes-field upgradable	Yes Yes Yes- Optional Yes	Yes Yes Yes Yes	Yes Factory only Yes Yes	Yes Yes Yes Yes
Warranty	Printer warranty Print head warranty	3 years 3 years Unlimited print	30 months 30 months Unlimited print	2 years 2 years Unlimited print	2 years 2 years Unlimited print	3 years 3 years Unlimited print
Performances	Max print speed YMCKO Print speed YMCKO full card Print speed YMCKO-K Print speed (monochrome) Max print speed (monochrome)	17 sec/card up to 210 cards/hour 19 sec/card 190 cards/hour 26 sec/card 140 cards/hour 6 sec/card 600 cards/hour 4.2 sec/card up to 850 cards/hour	18 sec/card up to 200 cards/hour 23 sec/card up to 155 cards/hour 4.3 sec/card 830 cards/hour	24 sec/card up to 150 cards/hour 31 sec/card up to 116 cards/hour 7 sec/card 514 cards/hour	20 sec/card up to 180 cards/hour 26 sec/card 138 cards/hour 4.8 sec/card 750 cards/hour	35 sec/card up to 102 cards/hour 70 sec/card up to 51 cards/hour 7 sec/card 500 cards/hour
Size and weight	Printer size single-sided (H x D x W) Printer size dual-sided (H x D x W) Printer weight (Single-sided) Printer weight (Double-sided)	247 x 381 x 205 mm 247 x 381 x 205 mm 4.02 Kg 4.02 Kg	224 x 391 x 175 mm 224 x 539 x 175 mm 3.7 Kg 5.4 Kg	249 x 234 x 460 mm 249 x 234 x 475 mm 3.63 Kg 4.54 Kg	236 x 368 x 201 mm 236 x 368 x 201 mm 5.53 Kg 5.53 Kg	250 x 470 x 220 mm 250 x 470 x 220 mm 4.9 Kg 4.9 Kg
Consumables	Ribbon capacity (YMCKO) Ribbon capacity (black monochrome) With drop-in cleaning roller Protection (cartridge/chip)	250 prints 1000 prints No Yes	250 or 500 prints 1500 prints Yes Chip	250 prints 1000 prints Yes Yes	200 prints 1000 prints Yes Yes	300 prints 1000 prints No Chip

¹ Under specific conditions, refer to the brochures.

N/A: Feature Not Available

² Source: Evolis Internal measurements.

NM: Not Measured

³ Source: these measurements have been done by an external laboratory.

NC: Data Not Communicated

Evolis Card Printer assumes no responsibility or liability for any errors or inaccuracies that may appear in this documentation based on manufacturers' brochures and on internal & external measurements.

Comparison Courtesy of Evolis