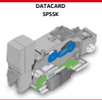
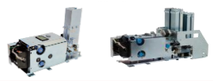
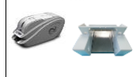
TECHNICAL SPECIFICATIONS
KIOSK vs COMPETITORS

A voir

PRODUCT DESCRIPTION													
Manufacturer	**EVOLIS**	**EVOLIS**	**DATACARD**	**EVOLIS**	**EVOLIS**	**POINTMAN**	**POINTMAN**	**NBS TECHNOLOGIES**	**NBS TECHNOLOGIES**	**IDP-CORP**	**IDP-CORP**	**ANA-U**	**Star Micronics**
Printer model	**KC200**	**KC2000B**	**SP55K**	**KM500B**	**KM2000B**	**TPK 1000 / TPK-2X00 series**	**TPK-3000 / TPK-4X00 series**	**Javelin Kiosk**	**Javelin J230K**	**Smart-50K**	**Smart-70 Series**	**Easy Printer 53 H**	**TCP400**
Launch date	2016	2016		2016	2016						2014		
Picture													
PRINTING METHOD													
Monochrome	Thermal Transfer	Thermal Transfer	Thermal Transfer	Thermal Transfer	Thermal Transfer	Thermal Transfer	Thermal Transfer	Thermal Transfer	Thermal Transfer	Thermal Transfer	Thermal Transfer	Direct thermal printing and erasing : blue or black	Direct thermal printing and erasing
Color	Dye sublimation	Dye sublimation	Dye sublimation	Dye sublimation	Dye sublimation	Dye sublimation	Dye sublimation	Dye sublimation	Dye sublimation	Dye sublimation	Dye sublimation	N/A	N/A
Resolution	300 dpi	300 dpi	300 dpi	300 dpi	300 dpi	300 dpi	300 dpi	300 dpi	301 dpi	300 dpi	300 dpi	300 dpi	203 dpi
PRINT MODE													
Single sided	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Dual sided	Yes	Yes	Option	Yes	Yes	Yes	Optional	Yes	Option	Option (factory/on-site)	Option	No	No
Dual side on-site uoerade/activation	No	No	No	No	No	No	No	No	NC	Yes	Yes	No	No
Edge-to-edge	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
CARD HOPPERS													
Input feeder capacity (0.76mm/30mil)	200 cards - 100 cards (without the cassette)	200 cards - 100 cards (without the cassette)	100 cards or 200 cards	single unit with 500 cards	4 feeders of 500 cards each	TPK -1000 single unit with 150 cards or 250 cards or 500 cards TPK-2X00 2/4/8 hoppers (up to 4000 cards)	TPK -3000 single unit with 150 cards or 250 cards or 500 cards TPK-4X00 2/4/8 hoppers (up to 4000 cards)	single unit with 150 cards or 250 cards or 500 cards 2/4/8 hoppers (up to 4000 cards)	100 cards - optional card hopper 200 cards	100 cards	500 cards	250 cards	optional card hopper 300 cards
Output hopper capacity (0.76mm/30mil)	1 card - Duplex end	N.A	N.A	NA	N.A	1 card	1 card	1 card	Card to card	40 cards	100 cards - 500 cards (option)	Card to card	Card to card
Bezel	No	standard	Duplex End- option	standard	standard	No	TPK-3000: Yes TPK-4X00: optional shutter	No	Yes - slot	No	No	No	No
Reject hopper	Yes - 2 exits for defective cards	Yes - 2 exits for defective cards	Yes cf table below	Yes	Yes - 2 exits for defective cards	Yes	Yes	Yes	70 cards	No	Yes	No	Yes
CARD SPECIFICATIONS													
Card thickness min/max	0,76 mm (30mil)	0,76 mm (30mil)	0.254-1.27mm (10-50mil)	0,76 mm (30mil)	0,76 mm (30mil)	0.76 mm (30mil), other thicknesses on demand	0.76 mm (30mil), other thicknesses on demand	0.51-1.2mm (20-50mil)	0.51-1.2mm (20-50mil)	0.38-1.02mm (15-40mil)	0.38-1.02mm (15-40mil)	0.3 -0,9 mil	0.76 mm (30mil)
Card thickness adjustment	No	No	Automatic	No	No	No	No	No	NC	Manual gauge	Manual gauge	Manual	Automatic
Supported card types	CR80	CR80	CR80	CR80	CR80	CR80	CR80	CR80	CR80	CR80	CR80	CR80	CR80
Material of the card	PVC, Composite PVC, PET, ABS[1], special varnishes[1]	PVC, Composite PVC, PET, ABS[1], special varnishes[1]	PVC, Composite PVC (optional)	PVC, Composite PVC, PET, ABS[1], special varnishes[1]	PVC, Composite PVC, PET, ABS[1], special varnishes[1]	PVC/Composite PVC	PVC/Composite PVC	PVC/Composite PVC	PVC/Composite PVC	PVC/Composite PVC, PET	PVC/Composite PVC, PET	Blue and Black Mitsubishi card, thermal paper card	Rewritable thermochromic material or leuco rewritable card Thermal card
DISPLAY													
LED	Yes	Yes	No	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes
LCD	No	No	Yes Print status on LCD	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
Printer Manaaer	No	No		No	No	NC	NC	NC	No	No	No	Yes	No
ELECTRONIC ENVIRONMENT													
USB	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		Yes	Yes	Yes
Ethernet	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Option	external converter (option)	Yes	Yes	Option
Serial	No	No	NC	Upon request	Upon request			Yes	Yes				
SOFTWARE ENVIRONMENT													
Windows	XP SP3, Vista, W7, W8, W10 (32/64 bits)	XP SP3, Vista, W7, W8, W10 (32/64 bits)	2003/2008/xp/7/8	XP SP3, Vista, W7, W8, W10 (32/64 bits)	XP SP3, Vista, W7, W8, W10 (32/64 bits)	2003/2008/XP/Vista/7/8	2003/2008/XP/Vista/7/8	2000/2003/2008/XP/Vista/7/8	2000/2003/XP/Vista/7	2000/2003/XP/Vista/7/8	2000/2003/XP/Vista/7/8	XP/Vista/7	2000/Xp/Vista
Mac	Mac OS 10.6 - 10.11	Mac OS 10.6 - 10.11	On request	Mac OS 10.6 - 10.11	Mac OS 10.6 - 10.11	No	No	No	No	Yes	Yes	No	No
Linux	Yes	Yes	On request	Yes	Yes	No	No	No	No	Yes	Yes	No	Yes
SDK	Evolis Premium SDK	Evolis Premium SDK	Yes	Evolis Premium SDK	Evolis Premium SDK	Yes	Yes	Yes	NC				
SECURITY													
Enclosure lock	No	No	No	No	No	No	Option	No	Yes	No	Yes	NC	NC
ENCODING OPTIONS													
Magnetic stripe encoding	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Smart card contact station	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
Contact/contactless smart encoder	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
Encoding over IP	Yes	Yes	NC	NA	N.A								
WARRANTY													
Printer warranty	1 year	1 year	2 years	2 years	2 years	1 year	1 year	1 year	2 years	2 years	NC	NC	1 year (USA)
Print head warranty	1 year	1 year	2 years	2 years	2 years	1 year	1 year	1 year	2 years	2 years	NC	NC	1 year (USA)
	Unlimited print	Unlimited print		Unlimited print	Unlimited print								
PERFORMANCES													
Max print speed YMCKO										18 sec/card up to 200 cards/hour	16 sec/card up to 220 cards/hour	N/A	N/A
Print speed YMCKO full card	21 sec/card 170 cards/hour	21 sec/card 170 cards/hour	23 sec/card 156 cards/hour	30 sec/card 120 cards/hour	30 sec/card 120 cards/hour	23 sec/card 156 cards/hour	23 sec/card 156 cards/hour	23 sec/card 156 cards/hour	26 sec/card 138 cards/hour	22 sec/card 163 cards/hour	20 sec/card 180 cards/hour	N/A	N/A
Print speed YMCKO-K	28 sec/card 129 cards/hour	28 sec/card 129 cards/hour	32 sec/card up to 112 cards/hour	39 sec/card 93 cards/hour	39 sec/card 93 cards/hour	31 sec/card up to 116 cards/hour	31 sec/card up to 116 cards/hour	31 sec/card up to 116 cards/hour				N/A	N/A
Print speed Monochrome	7 sec/card 510 cards/hour	7 sec/card 510 cards/hour	8 sec/card 450 cards/hour	9 sec/card 383 cards/hour	9 sec/card 383 cards/hour	6 sec/card 600 cards/hour	6 sec/card 600 cards/hour	6 sec/card 600 cards/hour				N/A	N/A
Max print speed Monochrome			6 sec/card up to 600 cards/hour			5.1 sec/card up to 700 cards/hour	5.1 sec/card up to 700 cards/hour		6 sec/card up to 600 cards/hour	5 sec/card up to 720 cards/hour	5 sec/card up to 720 cards/hour	N/A	N/A
SIZE AND WEIGHT													
Printer size dual-sided (H x D x W)	307 to 322 mm x 199 x 378 mm	307 to 322 mm x 199 x 399 mm	249 to 310 mm x 512 x 217 mm	492 to 500 mm x 250 x 529 mm	571 to 579 mm x 300 x 710 mm	TPK-1000: 358x482x195 TPK-2200: 368x644x195 TPK-2400: 368x655x242 TPK-2800: 368x655x550 (300 cards)	TPK-3000: 358x597x208 TPK-4200: 368x675x208 TPK-4400: 368x686x242 TPK-4800: 368x686x550 (300 cards)	TPK-1000: 358x482x195 TPK-2200: 368x644x195 TPK-2400: 368x655x242 TPK-2800: 368x655x550 (300 cards)	202 x 471 x 192 mm	195 x 510 x 170 mm	548x330x559mm	248 x 168 x 263	132.5 x 270.5 x 119 mm
Printer weight	5.6 Kg	5.8 Kg	4.5 Kg	11.5 Kg	26.5 Kg	TPK-1000: 9.5 Kg TPK-2200: 12.5 Kg TPK-2400:15.5 Kg TPK-2800: 17.5 Kg	TPK-3000: 8.2 Kg TPK-2200: 12.5 Kg TPK-2400:15.5 Kg TPK-2800: 21.8 Kg	TPK-1000: 9.5 Kg TPK-2200: 12.5 Kg TPK-2400:15.5 Kg TPK-2800: 17.5 Kg	6.0 Kg	5.5 Kg		4,6 kg	2.5 Kg
CONSUMABLES													
Ribbon capacity (YMCKO)	300 prints	300 prints	250 or 500 prints	500 prints	500 prints	250 prints	200 or 250 prints	250 prints	200 prints	250 prints	500 prints	N/A	N/A
Ribbon capacity (black monochrome)	2000 prints	2000 prints	1500 prints	3000 prints	3000 prints	1000 prints	1000 prints	1000 prints	1000 prints	1200 prints	2500 prints	N/A	N/A
With drop-in cleaning roller	No	Yes	Yes	No	No	NC	NC	NC	No	Yes	Yes	N/A	N/A
Protection (cartridge/chip)	No	No	Chip	No	No	NC	NC	NC	No	Yes (semi-cartridge)	Yes (semi-cartridge)	N/A	N/A

[1] Under specific conditions, refer to the brochures.
N/A: Feature Not Available
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.

NM: Not Measured
NC: Data Not Communicated

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