

Smart, Smarter than any other ID Card Printer

Smart

50 Series





Printer Specification

SMART-50 Series				
	SMART-50S	SMART-50D	SMART-50L	SMART-50R
	Single Side Card Printer	Dual Side Card Printer	Card Printer and Laminator	Re-Write Card Printer
Printing				
Print Type	Dye - Sublimation	Dye - Sublimation	Dye - Sublimation	Thermal Transfer
Print Area	Edge to Edge	Edge to Edge	Edge to Edge	Edge to Edge
Resolution	300 dpi	300 dpi	300 dpi	300 dpi
Dual Side Printing	Option (with Flipper)	Yes	Yes (Flipper Installed)	No
Card				
Card Feeding	Automatic	Automatic	Automatic	Automatic
Card Size	ISO CR80 (54mm x 86mm / 2.12" x 3.38")	ISO CR80 (54mm x 86mm / 2.12" x 3.38")	ISO CR80 (54mm x 86mm / 2.12" x 3.38")	ISO CR80 (54mm x 86mm / 2.12" x 3.38")
Card Thickness	0.38mm (15mil) ~ 1.0mm (40mil)	0.38mm (15mil) ~ 1.0mm (40mil)	0.76mm (30mil) ~ 1.0mm (40mil)	0.38mm (15mil) ~ 1.0mm (40mil)
Card Type	PVC, Composite PVC, PET	PVC, Composite PVC, PET	PVC, Composite PVC, PET	Rewriteable Thermochromic Material
Print Speed				
Monochrome	5 sec. (720 card / hour)	5 sec. (720 card / hour)	5 sec. (720 card / hour)	20 sec. (180 cards/hour) Max. 10 sec. (Max. 360 cards/hour)
YMCKO	22 sec. (164 cards/hour) Max. 18 sec. (Max. 200 cards/hour)	22 sec. (164 cards/hour) Max. 18 sec. (Max. 200 cards/hour)	22 sec. (164 cards/hour) Max. 18 sec. (Max. 200 cards/hour)	
YMCKOK		30 sec. (120 cards/hour) Max. 25 sec. (Max. 144 cards/hour)	30 sec. (120 cards/hour) Max. 25 sec. (Max. 144 cards/hour)	
Laminating				
Laminating Mode			Single & Dual Lamination	
Laminating Film			0.6mil, 1.0mil (Clear & Holographic)	
Laminating Speed			Simultaneous: 23 sec. (YMCK, Single Lamination)	
			Simultaneous: 33 sec. (YMCKK, Single Lamination)	
			One by One: 44 sec. (YMCK, Single Lamination)	
			One by One: 54 sec. (YMCKK, Single Lamination)	
Capacity				
Input Hopper Capacity	100 Cards	100 Cards	100 Cards	100 Cards
Output Hopper Capacity	40 Cards	40 Cards	40 Cards	40 Cards
System				
Memory	64MB RAM	64MB RAM	64MB RAM	64MB RAM
Display & Control Panel	2 Lines LCD Display / 2 LED Buttons	2 Lines LCD Display / 2 LED Buttons	2 Lines LCD Display / 2 LED Buttons	2 LED Buttons
Supported Platforms	Microsoft Windows 2000/2003/XP/Vista/7, Mac OS, Linux	Microsoft Windows 2000/2003/XP/Vista/7, Mac OS, Linux	Microsoft Windows 2000/2003/XP/Vista/7, Mac OS, Linux	Microsoft Windows 2000/2003/XP/Vista/7, Mac OS, Linux
Communication	USB, Ethernet (Option)	USB, Ethernet (Option)	USB, Ethernet (Option)	USB, Ethernet (Option)
Power Supply	Free Voltage (AC 110 / 220V, 50~60Hz)	Free Voltage (AC 110 / 220V, 50~60Hz)	Free Voltage (AC 110 / 220V, 50~60Hz)	Free Voltage (AC 110 / 220V, 50~60Hz)
Power Consumption (Max)	48W	48W	96W	48W
Temperature / Humidity	15 ~ 35 °C / 20 ~ 80%	15 ~ 35 °C / 20 ~ 80%	15 ~ 35 °C / 20 ~ 80%	15 ~ 35 / 20 ~ 80%
Dimensions				
Dimensions (W x L x H)	170mm x 420mm x 195mm	170mm x 510mm x 195mm	170mm x 900mm x 195mm	170mm x 420mm x 195mm
Weight	4.5 Kg / 10 lbs	5.5 Kg / 12 lbs	9.2 Kg / 20 lbs	4.5 Kg / 10 lbs
Encoding Options				
Magnetic	ISO 7811 (Track I, II, III Read/Write), HiCo / LoCo, JIS II	ISO 7811 (Track I, II, III Read/Write), HiCo / LoCo, JIS II	ISO 7811 (Track I, II, III Read/Write), HiCo / LoCo, JIS II	ISO 7811 (Track I, II, III Read/Write), HiCo / LoCo, JIS II
Contact Smartcard	ISO-7816 (ID - 1)	ISO-7816 (ID - 1)	ISO-7816 (ID - 1)	ISO-7816 (ID - 1)
Contactless Smartcard (Internal & External)	MIFARE, ISO 14443 (TYPE A/B), ISO 15693, DESFIRE, iCLASS	MIFARE, ISO 14443 (TYPE A/B), ISO 15693, DESFIRE, iCLASS	MIFARE, ISO 14443 (TYPE A/B), ISO 15693, DESFIRE, iCLASS	MIFARE, ISO 14443 (TYPE A/B), ISO 15693, DESFIRE, iCLASS
Certifications	CE, UL, FCC, KCC	CE, UL, FCC, KCC	CE, UL, FCC, KCC	CE, UL, FCC, KCC

