PRODUCT COMPARISON CHART

High Definition (HDP[®]) Printer/Encoders

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idiadiaidia (bique)idia (bique)idia (bique)Ministry <th></th> <th>HDP8500</th> <th>HDPii Plus</th> <th>HDP5600</th> <th>HDP5000</th>		HDP8500	HDPii Plus	HDP5600	HDP5000
Image: https://image: https://image	Starting MSRP	\$9,995	\$6,595	\$3,995 for 300 dpi / \$4494 for 600 dpi	\$3,995
NetworkControlControlControlControl111	Sided Printing	Single or Dual	Single or Dual	Single or Dual	Single or Dual
HeatingMaximum <t< th=""><th>Print Method</th><th>HDP Dye-Sublimation / Resin Thermal Transfer</th><th>HDP Dye-Sublimation / Resin Thermal Transfer</th><th>HDP Dye-Sublimation / Resin Thermal Transfer</th><th>HDP Dye-Sublimation / Resin Thermal Transfer</th></t<>	Print Method	HDP Dye-Sublimation / Resin Thermal Transfer	HDP Dye-Sublimation / Resin Thermal Transfer	HDP Dye-Sublimation / Resin Thermal Transfer	HDP Dye-Sublimation / Resin Thermal Transfer
IndexIndexIndexIndexIndexIndexIndexIndexKocked Cald BCorrCorrSecond DSecond D	Resolution	300 dpi	300 dpi	300 dpi or 600 dpi	300 dpi
Accepted and howADD (Data)	Print Speed*		48 seconds per card / 75 cards per hour maximum (YMCKI with transfer)	Up to 24 seconds per card / 150 cards per hour maximum (YMC with transfer)	24 seconds per card / 150 cards per hour maximum (YMC with transfer)
Internet with with the set of th	Accepted Card Sizes	CR-80	CR-80	CR-80	CR-80
And we det we	Accepted Card Thickness	.030" (30 mil) to .050" (50 mil) / .762 mm to 1.27 mm	Print only: .030" (30 mil) to .050" (50 mil) / .762mm to 1.27 mm	.030" (30 mil) to .050" (50 mil) / .762mm to 1.27 mm	Print only: .030" (30 mil) to .050" (50 mil) / .762mm to 1.27 mm Print/Lamination: .030" (30 mil) to .050" (50 mil) / .762mm to 1.27mm
state Procession Description Description <thdescription< th=""> <t< th=""><th>Software Drivers</th><th>Windows 8/ 7/ Vista (32bit & 64 bit) / Server 2008 & 2003/ XP; Mac OS X v10.8 / v10.7 / v10.6 / v10.5 / v10.4 & Linux</th><th>Windows 8/ 7/ Vista (32bit & 64 bit) / Server 2008 & 2003/ XP</th><th>Windows 10 / 8 / 7 / Vista / XP / Server 2012 / Server 2012 R2 / Server 2008 / Server 2008 R2 / Server 2003 R2 / Server 2003 R1, Mac OS X v10.10 / v10.9 / v10.8 / v10.7 / v10.6 and Linux**</th><th>Windows 8/ 7/ Vista (32bit & 64 bit) / Server 2008 & 2003/ XP; Mac OS X v10.6 / v10.5 & Linux</th></t<></thdescription<>	Software Drivers	Windows 8/ 7/ Vista (32bit & 64 bit) / Server 2008 & 2003/ XP; Mac OS X v10.8 / v10.7 / v10.6 / v10.5 / v10.4 & Linux	Windows 8/ 7/ Vista (32bit & 64 bit) / Server 2008 & 2003/ XP	Windows 10 / 8 / 7 / Vista / XP / Server 2012 / Server 2012 R2 / Server 2008 / Server 2008 R2 / Server 2003 R2 / Server 2003 R1, Mac OS X v10.10 / v10.9 / v10.8 / v10.7 / v10.6 and Linux**	Windows 8/ 7/ Vista (32bit & 64 bit) / Server 2008 & 2003/ XP; Mac OS X v10.6 / v10.5 & Linux
Inter depresentationInter depresentationInter depresentationInter depresentationInter depresentationInter depresentationUB20 on different with interrupt materUB20 on differ	Size	Dual-Sided Printer: 15.5" H x 28.2" W x 14.0" D / 394 mm H x 716 mm W x 356 mm D Printer + Dual-sided Lam Module: 15.5" H x 43.0" W x 14.0" D / 394 mmH x 1092 mmW x 356 mm D Printer + Laser Engraver Module: 20.5" H x 39.0" W x 20.0" D / 521 mmH x 991 mmW x 508 mmD Printer + Laser Engraver Module + Dual-sided Lamination Module: 20.5" H x 54.0" W x 20.0" D / 521 mmH x 1372 mmW x 508 mm D	11.50°H x 24.60°W x 9.25°D / 292mmH x 625mmW x 235mmD	Printer + Dual-Sided Module: 11.50°H x 17.50°W x 9.25°D / 292mmH x 445mmW x 235mmD Printer + Single-Sided Lam Module: 12.75°H x 25°F W x 9.25°D / 324mmH x 635mmW x 235mmD Printer + Dual-Sided Module + Dual-Sided Lam Module: 12.75°H x 30°W x 9.25°D / 324mmH x 762mmW x 235mmD	Printer + Dual-Sided Module: 11.50"H x 17.50"W x 9.25"D / 292mmH x 445mmW x 235mmD Printer + Single-Sided Lam Module: 12.75"H x 25"W x 9.25"D / 324mmH x 635mmW x 235mmD Printer + Dual-Sided Module + Dual-Sided Lam Module: 12.75"H x 30"W x 9.25"D /
clocedaptileFullod/modemeFullod/modemeFullod/modemeLine Line Line Line Line Line Line Line	Weight	Printer + Laser Engraver: 131 lbs / 59.5 kg	28 lbs. / 12.8 kg	HDP5600: 16 lbs. / 7.3 kg HDP5600 + Dual-Side Module: 22 lbs. / 10 kg HDP5600 + Single-Side Lam Module: 28 lbs. / 12.7 kg HDP5600 + Dual-Side Module + Dual-Side Lam Module: 36 lbs. / 16.4 kg	HDP5000: 16 lbs. / 7.3 kg HDP5000 + Dual-Side Module: 22 lbs. / 10 kg HDP5000 + Single-Side Lam Module: 28 lbs. / 12.7 kg HDP5000 + Dual-Side Module + Dual-Side Lam Module: 36 lbs. / 16.4 kg
Initial here400 cm3100 cm3100 cm3100 cm3Dall logp Cape Dall both Cape DallStandardStandardStandardStandardStandardDall logp Cape Dall cape DallDolo CardsStandardStandardStandardStandardDall cape Dall cape Dall cape DallStandard Cape Dall cape DallHDA cape Dall cape Dall cape Dall cape Dall cape Dall cape DallStandard Cape Dall cape Dall cape Dall cape Dall cape Dall cape Dall cape DallStandard Cape Dall cape Dall cape Dall cape Dall cape Dall cape Dall cape Dall cape Dall cape Dall cape DallStandard Cape Dall cape Dall 	Interface	USB 2.0 (high speed) and Ethernet with internal print server	USB 2.0 (high speed) and Ethernet with internal print server	UDB 2.0 and Ethernet with internal print server	USB 2.0 (high speed) and Ethernet with internal print server
Dual logic for Dual logic for StandStandImage: StandImage: Stan	Color Capability	Full Color/Monochrome	Full Color/Monochrome	Full Color/Monochrome	Full Color/Monochrome
Output Hoge200 Cards200 Cards200 Cards200 CardsBugorted smart card and magnetic stripe technologies: I2SMr (HID Proc) reader; ISSMr (HID Proc) reader;	Input Hopper	400 cards	100 cards	100 cards	100 cards
AutomSupported smart card and magnetic stripe technologies: 125kHz (HID Prox) reader: 1356 Hz (LASS' standard/SE/SR/Soos, MIFARE Classic', MIFARE DESFire' EVI, ISO that 32 AB (SD 1569) read/write encoder: contact smart card encoder reads from ad write so all SD/36b (223 AI memory and microprocessor smart cards (150, 151) as well as synchronous cards; ISO magnetic stripe encoding; dual high- and low-coertify has all so all SD/36b (223 AI memory and microprocessor smart cards (150, 151) as well as synchronous cards; ISO magnetic stripe encoding; dual high- and low-coertify has all so all SD/36b (223 AI memory and microprocessor smart cards (150, 151) as well as synchronous cards; ISO magnetic stripe encoding; dual high- and low-coertify has all so all SD/36b (223 AI memory and microprocessor smart cards (150, 151) as well as synchronous cards; ISO magnetic stripe encoding; dual high- and low-coertify has all so all SD/36b (223 AI memory and microprocessor smart cards (150, 151) as well as synchronous cards; ISO magnetic stripe encoding; dual high- and low-coertify has all so all SD/36b (223 AI memory and microprocessor smart cards (150, 151) as well as synchronous cards; ISO magnetic stripe encoding; dual high- and low-coertify has all so all SD/36b (223 AI memory and microprocessor smart cards (150, 151) as well as synchronous cards; ISO magnetic stripe encoding; dual high- and low-coertify has all so all SD/36b (223 AI memory and microprocessor smart cards (150, 151) as well as synchronous cards; ISO magnetic stripe encoding; dual high- and low-coertify has all so all SD/36b (223 AI memory and microprocessor smart cards (150, 151) as well as synchronous cards; ISO magnetic stripe encoding; dual high- and low-coertify has well as synchronous cards; ISO magnetic stripe encoding; dual high- and low-coertify has well as synchronous cards; ISO magnetic stripe encoding; dual high- and low-coertify has well	Dual Hopper Capability	Standard	Yes	Yes	Yes
all ISO/Bit /// 4/ memory and microprocessor smart cards (1=0, 1=1) as well as synchronous cards iSO magnetic stripe encoding, dual high-and invo-coercivity, track 1, 2 and 3.all ISO/Bit /// 4/ memory and microprocessor smart cards (1=0, 1=1) as well as synchronous cards iSO magnetic stripe encoding, dual high-and invo-coercivity, track 1, 2 and 3.all ISO/Bit // 5/4 memory and microprocessor smart cards (1=0, 1=1) as well as synchronous cards iSO magnetic stripe encoding, dual high-and invo-coercivity, track 1, 2 and 3.all ISO/Bit // 5/4 memory and microprocessor smart cards (1=0, 1=1) as well as synchronous cards iSO magnetic stripe encoding, dual high-and invo-coercivity, track 1, 2 and 3.all ISO/Bit // 5/4 memory and microprocessor smart cards (1=0, 1=1) as well as synchronous cards iSO magnetic stripe encoding, dual high-and invo-coercivity, track 1, 2 and 3.all ISO/Bit // 5/4 memory and microprocessor smart cards (1=0, 1=1) as well as synchronous cards iSO magnetic stripe encoding, dual high-and invo-coercivity, track 1, 2 and 3.all ISO/Bit // 5/4 memory and microprocessor smart cards (1=0, 1=1) as well as synchronous cards iSO magnetic stripe encoding, dual high-and invo-coercivity, track 1, 2 and 3.all ISO/Bit // 5/4 memory and microprocessor smart cards (1=0, 1=1) as well as synchronous cards iSO magnetic stripe encoding, dual high-and invo-coercivity, track 1, 2 and 3.all ISO/Bit // 5/4 memory and microprocessor smart cards (1=0, 1=1) as well as synchronous cards iSO magnetic stripe encoding, dual high-and invo-coercivity, track 1, 2 and 3.all ISO/Bit // 5/4 memory and microprocessor smart cards (1=0, 1=1) as well as synchronous cards iSO magnetic stripe encoding, dual high-and invo-coercivity, track 1, 2 and 3.all ISO/Bit // 5/4 memory and microprocessor smart cards (1=0, 1=1) as well as synchronous cards iSO magnetic stripe encoding, dual high-and invo-	Output Hopper	200 Cards	100 Cards	200 Cards	200 Cards
Lamination Available Memory Memory <th< th=""><th>Encoding Options</th><th>all ISO/816 I/2/3/4 memory and microprocessor smart cards (1=0, 1=1) as well as synchronous</th><th>all ISO/816 I/2/3/4 memory and microprocessor smart cards (I=0, I=1) as well as synchronous</th><th>all ISO/816 1/2/3/4 memory and microprocessor smart cards (1=0, 1=1) as well as synchronous</th><th>all ISO/816 1/2/3/4 memory and microprocessor smart cards (1=0, 1=1) as well as synchronous</th></th<>	Encoding Options	all ISO/816 I/2/3/4 memory and microprocessor smart cards (1=0, 1=1) as well as synchronous	all ISO/816 I/2/3/4 memory and microprocessor smart cards (I=0, I=1) as well as synchronous	all ISO/816 1/2/3/4 memory and microprocessor smart cards (1=0, 1=1) as well as synchronous	all ISO/816 1/2/3/4 memory and microprocessor smart cards (1=0, 1=1) as well as synchronous
Lase Engraving Available Yes No No Lase Engraving Available Yes No No Case Output High State output No Untput High State output No Printer State output	HID Access Control Application Encoding	iCLASS* Standard/SE/SR/Seos, MIFARE Classic*, MIFARE DESFire* EV1, HID Prox	iCLASS* Standard/SE/SR/Seos, MIFARE Classic*, MIFARE DESFire* EV1, HID Prox	iCLASS* Standard/SE/SR/Seos, MIFARE Classic*, MIFARE DESFire* EV1, HID Prox	iCLASS* Standard/SE/SR/Seos, MIFARE Classic*, MIFARE DESFire* EV1, HID Prox
Card Volume High High High High High Warranty Printer: Three years, Printhead: Lifetime; unlimited pass, Optional Extended Warranty Program Printer: Three year, Printhead: Lifetime; unlimited pass, Optional Extended Warranty Program Printer: Three year, Printhead: Lifetime; unlimited pass, Optional Extended Warranty Program Printer: Three year, Printhead: Lifetime; unlimited pass, Optional Extended Warranty Program Printer: Three year, Printhead: Lifetime; unlimited pass, Optional Extended Warranty Program Printer: Three year, Printhead: Lifetime; unlimited pass, Optional Extended Warranty Program Printer: Three year, Printhead: Lifetime; unlimited pass, Optional Extended Warranty Program Printer: Three year, Printhead: Lifetime; unlimited pass, Optional Extended Warranty Program Printer: Three year, Printhead: Lifetime; unlimited pass, Optional Extended Warranty Program Printer: Three year, Printhead: Lifetime; unlimited pass, Optional Extended Warranty Program Printer: Three year, Printhead: Lifetime; unlimited pass, Optional Extended Warranty Program Printer: Three year, Printhead: Lifetime; unlimited pass, Optional Extended Warranty Program Printer: Three year, Printhead: Lifetime; unlimited pass, Optional Extended Warranty Program Printer: Three year, Printhead: Lifetime; unlimited pass, Optional Extended Warranty Program Printer: Three year, Printhead: Lifetime; unlimited pass, Optional Extended Warranty Program Printer: Three year, Printhead: Lifetime; unlimited pass, Optional Extended Warranty Program Printer: Three year, Printhead: Lifetime; unlimited pass, Optional Extended Warranty Program Printer:	Lamination Available	Yes	No	Yes	Yes
Warranty Printer: Three years, Printhead: Lifetime; unlimited pass, Optional Extended Warranty Program (U.S. only), Optional Extended Warranty Program (U.S. only), Optional Ext	Laser Engraving Available	Yes	No	No	No
Warranty Finite: Thee years, Finite de Warranty Program (U.S. only) U.S. only), Optional Extended Warranty Program (U.S. only) U.S. only), Optional Extended Warranty Program (U.S. only) U.S. only) U.S. only)	Card Volume	High	High	High	High
Software Options Asure ID' Asure ID	Warranty	Printer: Three years, Printhead: Lifetime; unlimited pass, Laser Engraver: Two years		Printer: Three year, Printhead: Lifetime; unlimited pass, One year On-Call Express (loaner printer, U.S. only), Optional Extended Warranty Program (U.S. only)	Printer: Three year, Printhead: Lifetime; unlimited pass, One year On-Call Express (loaner printer, U.S. only), Optional Extended Warranty Program (U.S. only)
	Software Options	Asure ID'	Asure ID	Asure ID	Asure ID
Laser Engraver Module - Upgradable Card Lamination Module - Upgradable Smart card encoding (contact/contactless). EWL Level 1 - Upgradable Smart card encoding (contact/contactless). Upgradable Smart card encoding (contact/contactless). Upgradable Smart card encoding (contact/contactless). Upgradable Single Wire Ethernet and USB 2.0 interface for in-line printing and encoding (note: single wire Ethernet and USS, MIFARE, and contact smart card encoding (note: single wire Ethernet and USS, MIFARE, and contact smart card encoding (note: single wire Ethernet and USS, MIFARE, and contact smart card encoding (note: single wire Ethernet and USS, MIFARE, and contact smart card encoding (note: single wire Ethernet and USS, MIFARE, and contact smart card encoding (note: single wire Ethernet and USS, MIFARE, and contact smart card encoding (note: single wire Ethernet and USS, MIFARE, and contact smart card encoding (note: single wire Ethernet and USS, MIFARE, and contact smart card encoding (note: single wire Ethernet and USS, MIFARE, and contact smart card encoding (note: single wire Ethernet and USS, MIFARE, and contact smart card encoding (note: single wire Ethernet and USS, MIFARE, and contact smart card encoding (note: single wire Ethernet and USS, MIFARE, and contact smart card encoding) (note: single wire Ethernet and USS, MIFARE, and contact smart card encoding (note: single wire Ethernet and USS, MIFARE, and contact smart card encoding) (note: single wire Ethernet and USS, MIFARE, and contact smart card encoding) (note: single wire Ethernet and USS, MIFARE, and contact smart card encoding) (note: single wire Ethernet and USS, MIFARE, and contact smart card encoding) (note: single wire Etherenet and USS, MIFARE, and contact smart card en		Card Lamination Module - dual-sided (simultaneous) - Upgradable Card Flattening Module - Upgradable Andon Production Status Light - Upgradable Smart card encoding (contact/contactless) - Upgradable Magnetic stripe encoding - Upgradable Single Wire Ethernet and USB 2.0 interface for in-line printing and encoding (note: single wire Ethernet encoding is only available for iCLASS, MIFARE, and contact smart card	Smart card encoding (contact/contactless), EMV Level I - Upgradable Printer cleaning kit Single Wire Ethernet and USB 2.0 interface for in-line printing and encoding (note: single wire Ethernet encoding is only available for ICLASS, MIFARE, and contact smart	Dual card input hopper module - Upgradable Smart card encoding (contact/contactless) - Upgradable Physical locks for card hoppers and consumables access Printer cleaning kit Magnetic stripe encoding - Upgradable Dual-sided printing - Upgradable Bual-sided printing - Upgradable Single Wire Ethernet and USB 2.0 interface for in-line printing and encoding (note: single wire Ethernet encoding is onlyavailable for iCLASS, MIFARE, and contact smart card encoding)	Card Lamination Module - single-sided or dual-sided (simultaneous) - Upgradable Smart card encoding (contact/contactless) - Upgradable Door and cartridge locks Printer cleaning kit Magnetic stripe encoding - Upgradable Dual-sided printing - Upgradable
Prints Rewritable and 10-Mil Cards No No	Prints Rewritable and 10-Mil Cards	No	No	No	No
Fluorescent Panel Ribbon (UV Printing) Yes Yes	Fluorescent Panel Ribbon (UV Printing)	Yes	Yes	Yes	Yes
High Durable HDP Film Available Yes Yes	High Durable HDP Film Available	Yes	Yes	Yes	Yes
Yes Yes Yes	Cartridge Loaded Ribbons	Yes	Yes	Yes	Yes
	Password Protect	Yes	Yes	Yes	Yes

*Print speed indicates an approximate print speed and is measured from the time a card drops into the output hopper to the time the next card drops into the output hopper. Print speeds do not include encoding time or the time needed for the PC to process the image. Process time is dependent on the size of the file, the printhead resolution, the CPU, amount of RAM and the amount of available resources at the time of the print. **Linux driver support availability expected QI 2016. Linux versions: Ubuntu 10.04 / 14.04, Debian 6 / 7 / 8, Fedora 20 / 21 / 22, openSUSE 13.1 / 13.2





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