

ENTRUST SIGMA DS2 CARD PRINTER COMPETITIVE COMPARISON

	Entrust SIGMA DS2	Evolis Zenius (Expert)	Evolis Primacy	HID DTC 1250e	HID DTC 1500	Zebra ZC 300	Magocard Enduro 3E
General							
Printer/Printhead Warranty	36 months	24 months	36 months	36 months	36 months	24 months	36 months
Print Resolution	300 dpi High Resolution: 300x600 300x1200	300 dpi	300 dpi High Resolution: 300x600 300x1200	300 dpi	300 dpi	300 dpi	300 dpi
Print Technology	Dye-sublimation/ Resin thermal transfer	Dye-sublimation/ Resin thermal transfer	Dye-sublimation/ Resin thermal transfer	Dye-sublimation/ Resin thermal transfer	Dye-sublimation/ Resin thermal transfer	Dye-sublimation/ Resin thermal transfer	Dye-sublimation/ Thermal rewritable
Print Options	Single or Dual Sided	Single Sided	Single or Dual Sided	Single or Dual Sided	Single or Dual Sided	Single or Dual Sided	Single or Dual Sided
Connectivity	USB, Ethernet, and Wi-Fi (field upgrade)	USB and Ethernet (Factory Option)	USB, Ethernet, and Wi-Fi (Factory Option)	USB, Ethernet (Factory Option) and WiFi (Field Upgrade with Ethernet configured printers)	USB, Ethernet, and Wi-Fi (field upgrade)	USB (Factory Option) Ethernet and WiFi	USB and Ethernet
Operating Systems	Windows® 10 (32/64 bit), 8.1 (32/64 bit), Windows Server 2016 - 64-bit	Windows® 10, 8, 7, Vista, XP SP3 (32/64 bit), Mac OS X (10.5 onwards), Linux	Windows® 10, 8, 7, Vista, XP SP3 (32/64 bit), Mac OS X (10.6 onwards), Linux	Windows® 10, 8, 7, Vista, XP, Windows Server® 2012, 2008, 2003 (32/64 bit), MAC OS X (10.5/10.6/10.7/10.8/10.9, 10.10), Linux	Windows® 10, 8.1, 8, 7, Windows Server® 2012, 2008, 2003 (32/64 bit)	Windows® Server 2008, 2010, 2016 (32 and 64bit) Windows® 7, 8, 8.1, 10 (32 and 64 bit) Linux Ubuntu 16.X (64 bit) MAC OS X 10.16 X (64 bit)	Windows® 10, 8.1, 8, 7, Vista, XP (32/64 bit) Windows Server® 2016, 2012, 2008, 2003 R2 SP2 (32/64 bit), MAC OS X (10.9 upwards), Linux
Physical Characteristics							
Dimensions (HxDxW)	Printer: 17.4 X 8.9 X 9" (44.2 X 22.6 X 22.9 cm)	7.68 x 12.4 x 8.07" (19.5 x 31.5 x 20.5 cm)	9.72 x 14.99 x 8.07" (24.7 x 38.1 x 20.5 cm) With Reject Tray: 9.72 x 19.17 x 8.07" (24.7 x 48.1 x 20.5 cm)	8.8 x 7.9 x 13.7" (22.4 x 20.1 x 34.8 cm) With Dual-Sided Printing: 9.8 x 9.2 x 18.7" (24.9 x 23.4 x 47.5 cm)	9.8 x 9.2 x 18.7" (24.9 x 23.4 x 47.5 cm) With Lamination: 18.9 x 9.2 x 18.7" (48 x 23.4 x 47.5 cm)	10.2 x 6.2 x 15.1" (25.8 x 15.7 x 38.3 cm) With Dual-Sided Printing: 10.2 x 6.2 x 18.4" (25.8 x 15.7 x 46.8 cm)	9.2 x 17.8 x 8.1" (23.3 x 45.3 x 20.6 cm)
Weight	Single-Sided Printer: 11.3 lbs (5.13 kg) With Dual-Sided Printing: 12.1 lbs (5.49 kg)	7.3 lbs (3.3 kg)	8.86 lbs (4.02 kg) With Reject Tray: 9.06 (4.11 kg)	7.5 lbs (3.4 kg) With Dual-Sided Printing: 10 lbs (4.54 kg)	11 lbs (5 kg) With Lamination: 20 lbs (9.1 kg)	8.8 lbs (4.0 kg) With Dual-Sided Printing: 9.7 lbs (4.4 kg)	12 lbs (5.5 kg)
Speed							
Up to: Cards per Hour - Color single-sided	225 cph	120 - 150 (Single-Sided)	190 - 225 (Single-Sided)	225 (Single-Sided)	225 (Single-Sided)	200	100 (Single-Sided)
Up to: Cards per Hour - Monochrome single-sided	880 cph	400 - 500 (Single-Sided)	800 - 1000 (Single-Sided)	600 (Single-Sided)	600 (Single-Sided)	900	500 (Single-Sided)
Cards							
Card Thickness	0.01 - 0.04" (.25 - 1.016mm)	0.01 - 0.03" (0.25 - 0.76 mm)	0.01 - 0.05" (0.25 - 1.25 mm)	0.009 - 0.04" (0.229 - 1.016 mm)	0.009 - 0.04" (0.229 - 1.016 mm)	0.01 - 0.04" (.25 - 1.016mm)	0.02 - 0.04" (0.51 - 1.02 mm)
Card Size (Confirm what the new ID version it is.)	CR-80, CR-79	CR-80	CR-80	CR-80, CR-79	CR-80, CR-79	CR-80, CR-79	CR-80, CR-79
Card Input Hopper Capacity	125	50	100	100	100	100	100
Card Output Hopper Capacity	25 (Option: 100 (B))	20	100	30 (option: 100)	100	100	30
Reject Hopper Capacity	10	NA	50	NA	NA	10	NA
Card Type	PVC with glossy laminate surface, select key fob, Datacard® StickiCard™ adhesive-backed plastic, Translucent cards that meet ISO7810 IR opacity, PETG and PVC varnished cards or matte/satin finished cards must be tested for compatibility and durability.	PVC, composite PVC, PET, ABS, special varnished	PVC, composite PVC, PET, recycled PET, ABS, special varnished	PVC, finished PVC, optical memory, rewrite	PVC, finished PVC, optical memory, rewrite	PVC and PVC composite	PVC, mag stripe, smart, self-adhesive, rewritable, HoloPatch
Options							
ISO Magnetic Stripe Encoding	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Single Wire Smart Card Support	Yes (Duplex Only)	No	No	Yes	Yes	No	NA
Contact Smart Card Encoding	Yes (Duplex Only)	Yes	Yes	Yes	Yes	No	Yes
Contactless Smart Card Encoding	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Encryption	Yes	Yes	Yes	Yes	Yes	Yes	No
Locks	No	No	Yes (Manual Only)	No	No	Yes (Manual Only)	No
Laminate Options	No	No	Yes	No	Yes	No	No

All data is believed to be current as of July 2020.

*Competitive offering based on information available.

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