

# SIGMA DS4 COMPETITIVE COMPARISON

Instant Financial Issuance from Entrust

# DS4 Competitive comparison

## General

Company	Entrust	Evolis	Matica	HID
Printer Name	Sigma DS4	Issengo	S3100	DTCii
Printer/Printhead Warranty	36 months	24 Months	NA	36 Months
Print Resolution	300 dpi High Resolution: 300x600 300x1200	300 dpi		
Print Technology	Dye-sublimation/ Resin thermal transfer	Dye-sublimation/ Resin thermal transfer		
Print Options	Single or Dual Sided			
Connectivity	USB, Ethernet, and Wi-Fi	Ethernet	USB and Ethernet	
Operating Systems	Windows® 10 (32/64 bit), 8.1 (32/64 bit), Windows Server 2016 - 64-bit	NA	Windows® 7, 8.1, and 10 (32 bit & 64 bit)	Windows® 7, 8 and 10 (32 bit & 64 bit) / Windows Server 2008/2012/2016

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## Physical characteristics

Company	Entrust	Evolis	Matica	HID
Printer Name	<b>Sigma DS4</b>	<b>Issengo</b>	<b>S3100</b>	<b>DTCii</b>
Dimensions (HxDxW)	Printer Only: 17.4 X 8.9 X 9" (44.2 X 22.6 X 22.9 cm) Printer with Multi Hopper Module: 23 X 13.4 X 16.2" (58.4 X 34 X	Size (H x W x D): 247 x 211 x 392 mm (9.72" x 8.31" x 15.43")	395 x 200 x 253 mm without reject bin (15.35" x 7.7" x 9.61") 500 x 200 x 253 mm with reject bin (19.11" x 7.7" x 9.61")	10.05" H x 22.94" W x 10.27" D / 255.3 mm H x 582.7 mm W x 260.9 mm D
Weight	Printer (Dual or Single-sided): 12.1 lbs (5.49 kg) Printer with Multi Hopper Module: 30.9 lbs (14.02 kg)	6.3 kg (13.23 lbs)	6.6 kg (14.5 lbs)	11lbs / 5Kg
Up to: Cards per Hour - Color single-sided	250 cph	NA	260 cph	NA
Up to: Cards per Hour - Monochrome single-sided	1100 cph	NA	850 cph	NA

## Speed

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## Cards

Company	Entrust	Evolis	Matica	HID
<b>Printer Name</b>	<b>Sigma DS4</b>	<b>Issengo</b>	<b>S3100</b>	<b>DTCii</b>
<b>Card Thickness</b>	0.01 - 0.04" (.25 - 1.016mm)	.020" to .050"	0.50 to 1.0mm (20 to 40 mil):0,25 - 1,25 mm (10 - 50 mil)	.027" (30 mil) - .043" (40 mil)
<b>Card Size (Confirm what the new ID version it is.)</b>	CR-80, CR-79	CR-80	CR-80	CR-80
<b>Card Input Hopper Capacity</b>	125 (Optional 750)	100	100	100
<b>Card Output Hopper Capacity</b>	25	50	30	20
<b>Reject Hopper Capacity</b>	10	10	80 (Optional)	100
<b>Card Type</b>	PVC with glossy laminate surface. PETG and PVC varnished cards or matte/satin finished cards must be tested for compatibility and durability.	PVC cards and Composite PVC Cards	PVC, Composite PVC, ABS (varnished), PET-F and PET-G	NA

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## Options

Company	Entrust	Evolis	Matica	HID
<b>Printer Name</b>	<b>Sigma DS4</b>	<b>Issengo</b>	<b>S3100</b>	<b>DTCii</b>
<b>ISO Magnetic Stripe Encoding</b>	Yes ISO 7811 three-track option (high- and low-coercivity) JIS	Yes ISO 7811 three-track option (high- and low-coercivity) JIS2		Yes ISO 7811 three-track option (high- and low-coercivity)
<b>Single Wire Smart Card Support</b>	Yes	NA	Yes	
<b>Contact Smart Card Encoding</b>	Yes ISO 7816 T=0 (T=1)	PC/SC, EMV2011-1	Yes	Yes ISO 7816 T=0 (T=1)
<b>Contactless Smart Card Encoding</b>	Yes ISO 14443 A/B, ISO 15693, MIFARE®, MIFARE® DESFire®, EV1/EV2, HID Prox®, iClass, iClass SE®, iClass Seos®, Felica®	ISO 14443A, B, ISO15693, MIFARE, DESFire, HID iCLASS	Yes	Contactless 13.56 MHz ISO 14443 A/B, ISO 15693 read/write encode
<b>Encryption</b>	Yes	Yes	NA	Yes
<b>Locks</b>	Yes			
<b>Multi-Hopper Option</b>	Yes	No		Yes
<b>Embosser Option</b>	Yes	No		