

Encoder compatibility matrix



All listed encoders are compatible with Enduo3E and Rio Pro printers. To confirm compatibility with Prima 4 or Helix printers, please contact Magicard support

DigiOn24

gemalto
security to be free

IDENTIV

springcard

ThingMagic
A DIVISION OF TRIMBLE

skynetek

LEGIC

HID

IR Ingersoll Rand
Inspiring Progress

G-K

CJS TECHNOLOGY

FEIG
ELECTRONIC

dUALi

Manufacturer	Model	Max read range	Card interface	PC interface	Card types
DigiOn24	Digion 24 MIFARE®	N/A	Contactless	Serial and USB	MIFARE® (Classic, Light)
	Digion 24 iClass®	N/A	Contactless	Serial and USB	iClass®
	D24 controller	N/A	N/A	Serial	MIFARE® (Classic, Light), iClass®, HD Prox®
	D24 antenna PCB	1.2 - 5cm	Contactless HF (125KHz and 13.56MHz), (ISO/IEC 14443 and 15693)	N/A	
Gemalto	IDBridge CL10 (Prox - module)	N/A	N/A	Serial	MIFARE® (Classic, Plus, UltraLight), DESFire®, FIPS201/PIV®
	IDBridge CL11 antenna PCB	4cm	Contactless HF (13.56MHz), (ISO/IEC 14443)	N/A	
	IDBridge CL20 (Prox - C2 and C5)	4cm	Contactless HF (13.56MHz), (ISO/IEC 14443)	Serial	MIFARE®
	Gemplus C2				
Identiv® (SCM Micro)	Prox - CU	6cm	Contactless HF (13.56MHz), (ISO/IEC 14443) + 2 SAM sockets	Serial and USB	MIFARE® (Classic, Plus, UltraLight), DESFire®, FIPS201/PIV®
	SCM3712	5cm	Contactless HF (13.56MHz), (ISO/IEC 14443, 18092 (NFC))	USB	MIFARE® (Classic, Plus, UltraLight), DESFire®, FeliCa®
	SCM3712 NFC	4.5cm	Contactless HF (13.56MHz), (ISO/IEC 14443, 18092 (NFC))	USB	MIFARE® (Classic, Plus, UltraLight), DESFire®, FeliCa®
	SCM3712 EA	N/A	N/A	USB	MIFARE® (Classic, Plus, UltraLight), DESFire®, FeliCa®
	SCM3712 EA antenna PCB	6.5cm (cable length 20cm)	Contactless HF (13.56MHz), (ISO/IEC 14443, 18092 (NFC))	N/A	
SpringCard®	SCL3711 (USB key type)	N/A	Contactless HF (13.56MHz), (ISO/IEC 14443, 18092 (NFC))	USB	MIFARE® (Classic, Plus, UltraLight), DESFire®, FeliCa®
	K632	N/A	Contactless HF (13.56MHz), (ISO/IEC 14443, 5693 and 18000-3, NFC)	Serial	MIFARE® (Classic, Plus, UltraLight), DESFire®, TagIT®, Infiniön®, iClass®, Calypso®
	K632 antenna PCB	8cm	Contactless HF (13.56MHz), (ISO/IEC 14443, 15693 and 18000-3, NFC)	N/A	
	CrazyWriter	N/A	Contactless HF (13.56MHz), (ISO/IEC 14443, 15693 and 18000-3, NFC) + 2 SAM sockets	USB	MIFARE® (Classic, Plus, UltraLight), DESFire®, TagIT®, Infiniön®, iClass®, Calypso®
ThingMagic®	CrazyWriter antenna PCB	8cm (cable length 5cm)	Contactless HF (13.56MHz), (ISO/IEC 14443, 15693 and 18000-3, NFC)	N/A	
	CrazyWriter serial interface PCB	N/A	N/A	Serial (option)	
	Mercury 5e (M5e)	30ft	Contactless UHF RFID	Serial	RFID
	M5e compact	13 ft	Contactless UHF RFID	Serial	RFID
SkyTek®	ThingMagic M6e-Micro on Magicard interface PCB	30ft	Contactless UHF RFID	Serial and USB	RFID
	Mercury 6e (M6e)	30ft	Contactless UHF RFID	Serial and USB	RFID
	DKM2	3 - 16cm	Contactless HF (13.56MHz)	Serial and USB	
	DKM4	4.5 - 14cm	Contactless HF (13.56MHz)	Serial	
	DKM7	1.5 m	Contactless UHF (862 - 955MHz)	Serial and USB	RFID
	DKM9	3 m	Contactless UHF (862 - 955MHz)	Serial and USB	RFID
	DKM10	5 m	Contactless UHF (862 - 955MHz)	Serial and USB	RFID
SR70	30cm	Contactless UHF (902 - 928MHz)	USB	RFID	
Legic®	SC-2560 (inc. USB comms PCB)	10cm	Contactless HF (13.56MHz), (ISO/IEC 14443, 15693 and Legic RF std)	USB	Legic
HID®	OEM150	7.5cm	Contactless HF (13.56MHz), (ISO/IEC 14443)	Serial	iClass®
	Omnikey 3121	N/A	Contact	USB	
	Omnikey 5021		Contactless (13.56MHz)	USB	
	Omnikey 5121	10cm	Contact and contactless (13.56MHz)	USB	MIFARE® (Classic, Plus, UltraLight), DESFire®
	Omnikey 5321	8cm	Contact and contactless (13.56MHz)	USB	MIFARE® (Classic, Plus, UltraLight), DESFire®
	Omnikey 5421	10cm	Contact and contactless (13.56MHz)	USB	MIFARE® (Classic, Plus, UltraLight), DESFire®
	Omnikey 5553	7.5cm	Contactless (with SAM socket)	Serial	
	Omnikey 6321	Approx 6cm	Contactless	USB	
Ingersoll Rand®	OEM100		Contactless (125KHz)	Serial	
Gemini 2000®	GemTag 501	8cm	Contactless (13.56MHz)	Serial and USB	MIFARE® Dual interface card ICs and ISO 14443A part 1-3
	GemTag 701	6cm	Contactless (13.56MHz)	USB	MIFARE® Dual interface card ICs and ISO 14443A part 1-4
CJS Technology®	MT650		Contactless (13.56MHz)	Serial and USB	
	MT850		Contactless (13.56MHz)	Serial and USB	
Feig®	OBID RW and RWA		Contactless (125KHz)	Serial and USB	
	OBID Classic Pro		Contactless (13.56MHz)	Serial and USB	
	OBID i-scan		Contactless HF (860 - 956MHz)	Serial and USB	
Duali®	DE-ABM5		Contactless (13.56MHz)	Serial and USB	
	DE-ABM6		Contactless (13.56MHz)	Serial	
	DE-ABCM-TB		Contactless (13.56MHz)	Serial and USB	
	DE-ABCM6		Contactless (13.56MHz)	Serial and USB	