

Card Encoding Modules for FARGO® Card Printers

Simplified, inline personalization of secure credentials in a single step



HID FARGO printer card encoding modules enable organizations to print and encode credentials in a one-step, inline process — saving both time and money when producing secure credentials for their employees, contractors, vendors or students. Using inline card personalization, users have greater flexibility and end-to-end control over their card procurement, inventory management and card issuance processes. Additionally, by combining printing and encoding within a single device, organizations can rest assured that their company-, employee- or student-specific data is included on each user's card, further extending the overall security of the card issuance program.

HID card encoding modules also extend the value of HID FARGO printers by allowing organizations to create cards that are compatible not only with HID products but also with other card/physical access control

systems and third-party applications. This technology-agnostic approach to card personalization offers organizations more flexibility in selecting access control systems and greater control over their credentials.

Select from a variety of card encoding module options to extend read/write capability for third-party applications such as physical access, time & attendance and cashless vending, among others. What's more, with the programmer card encoding module, users can create and program cards that are specifically compatible with HID physical access solutions. This can prove especially beneficial to organizations desiring to upgrade existing card populations for use with the higher security iCLASS SE platform.

Offering a wide array of inline card encoding modules, HID FARGO printers can meet the needs of virtually any secure credential issuance program. Further, because modules are fully field-upgradeable, encoding technologies can be added or changed at any time to support new card personalization or evolving security needs as your requirements change over time.



AVAILABLE ENCODING MODULES:

- **Contactless** — HID OMNIKEY® contactless encoders support a wide array of card types including iCLASS Seos®, HID Prox®, iCLASS SE® MIFARE Classic®, MIFARE® DESFire® EV1/EV2 and more
- **Contact** — Compatible with ISO 7816 standards and offering unparalleled support, HID's array of contact encoding options make contact encoding integration quick and easy
- **Magnetic Stripe** — Standard magnetic stripe encoding delivers ISO 7811, dual high- and low-coercivity compatibility
- **Programmer** — Utilizing the OMNIKEY 5127 iCLASS SE, programmer encoding affords users the ability to encode the HID Access Control Application area of either Genuine HID or third-party credentials with ease

CARD ENCODING MODULES PROVIDE:

- Flexible and easy-to-integrate encoding options for read/write capability
- Multi-interface support for Chip Card Interface Device (CCID) and USB — offering flexible integration options for a wide range of applications
- Field-upgradeable solutions that can support new card personalization and security needs as your requirements change over time



		HID ACCESS CONTROL APPLICATION AREA							THIRD PARTY APPLICATION AREA		
Printer Encoder	Description	Supported Card Types	Card Standards	Read Capability	Write Capability	Custom Key	Elite Key Support	Corporate 1000 Support	Read Capability	Write Capability	Custom Key
HID OMNIKEY 5125	Contactless	HID Prox		Yes	No	N/A	N/A	N/A	N/A	N/A	N/A
		EM Prox		Yes	No	N/A	N/A	N/A	N/A	N/A	N/A
		HID Indala® Prox		Yes	No	N/A	N/A	N/A	N/A	N/A	N/A
HID OMNIKEY 5122	Contact / Contactless	HID iCLASS	ISO 14443 B, ISO 15693	Yes	No	No	Yes	Yes	Yes	Yes	Yes
		HID MIFARE Classic	ISO 14443 A	No	No	No	N/A	N/A	Yes	Yes	Yes
		MIFARE Classic	ISO 14443 A	No	No	N/A	N/A	N/A	Yes	Yes	Yes
		MIFARE DESFire EV1/EV2	ISO 14443 A	No	No	N/A	N/A	N/A	Yes	Yes	Yes
		Contact smart cards	ISO 7816 Class A, AB and C	N/A	N/A	N/A	N/A	N/A	Yes	Yes	Yes
HID OMNIKEY 5127CK Mini	Contactless	HID iCLASS Seos	ISO 14443 A	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes
		HID iCLASS SE (SIO Enabled)	ISO 14443 B, ISO 15693	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes
		HID iCLASS SR (Standard + SIO)	ISO 14443 B, ISO 15693	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes
HID OMNIKEY 5127 iCLASS SE Encoder	Programmer	HID iCLASS Seos	ISO 14443 A	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		HID iCLASS SE (SIO Enabled)	ISO 14443 B, ISO 15693	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		HID iCLASS SR (Standard + SIO)	ISO 14443 B, ISO 15693	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		HID iCLASS (Standard)	ISO 14443 B, ISO 15693	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		HID MIFARE Classic	ISO 14443 A	Yes	Yes	N/A	N/A	Yes	Yes	Yes	Yes
		MIFARE Classic	ISO 14443 A	N/A	N/A	N/A	N/A	N/A	Yes	Yes	Yes
		SIO Solution for MIFARE Classic	ISO 14443 A	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		MIFARE DESFire EV1/EV2	ISO 14443 A	N/A	N/A	N/A	N/A	N/A	Yes	Yes	Yes
		SIO Solution for MIFARE DESFire EV1/EV2	ISO 14443 A	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		HID Indala Prox		No	No	N/A	N/A	N/A	N/A	N/A	N/A
		EM Prox		No	No	N/A	N/A	N/A	N/A	N/A	N/A
		HID Prox		Yes	Yes	N/A	N/A	N/A	N/A	N/A	N/A



	Magnetic Encoding	Contactless (5127CK Mini)	Contact (5122)	Programmer (5127 iCLASS SE)
FARGO HDP6600 / HDP5000e Encoder Options	Dual-sided printers only	Single or dual-sided printer	Dual-sided printers only	Single or dual-sided printer
COMBINED WITH THE FOLLOWING				
Contactless (5127CK Mini)	Dual-sided printers only	N/A	Dual-sided printers only	Configuration not offered
Contact (5122)	Dual-sided printers only		N/A	Configuration not offered
Programmer (iCLASS SE 5127)	Configuration not offered			N/A

	Magnetic Encoding	Contactless (5122)	Contactless (5125)	Contactless (5127CK Mini)	5122 with Contact Station	Programmer (5127 iCLASS SE)
FARGO HDP5000 Encoder Options	Single or dual-sided printer	Single or dual-sided printer	Single or dual-sided printer	Dual-sided printers only	Dual-sided printers only	Single or dual-sided printer
COMBINED WITH THE FOLLOWING						
Contactless (5122)	Single or dual-sided printer	N/A	Configuration not offered	Configuration not offered		
Contactless (5125)	Single or dual-sided printer	Dual-sided printers only	N/A	Configuration not offered		
5122 with Contact Station	Dual-sided printers only	Configuration not offered		Configuration not offered	N/A	Configuration not offered
Programmer (iCLASS SE 5127)	Single or dual-sided printer	Configuration not offered				N/A

	Magnetic Encoding	Contact and Contactless (5121, 5125)	Programmer (5127 iCLASS SE)
FARGO DTC5500LMX Encoder Options	1 or 2 Material	1 or 2 Material	1 or 2 Material
COMBINED WITH THE FOLLOWING			
Contactless and Contact Station (5121, 5125)	1 or 2 Material	N/A	Configuration not offered
Programmer (iCLASS SE 5127)	1 or 2 Material	Configuration not offered	N/A

	Magnetic Encoding	Contactless (5122)	Contactless (5125)	Contactless (5127CK Mini)	Contact Station Only	Programmer (5127 iCLASS SE)
FARGO DTC1250e/DTC1500/DTC4250e/ DTC4500e Encoder Options	Single or dual-sided printers (All included in factory-ordered product) (Sell separately for field upgrade)					Single or dual-sided printer
COMBINED WITH THE FOLLOWING						
Contactless (5122)	Single or dual-sided printer	N/A	Configuration not offered			
Contactless (5125)	Single or dual-sided printer		N/A		Configuration not offered	
Contact Station Only	Single or dual-sided printer				Configuration not offered	
Programmer (iCLASS SE 5127)	Single or dual-sided printer	Configuration not offered				N/A



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