CONTACTLESS SMART CARD PERSONALIZATION MODULE

The contactless smart card personalization module on the MX6000 system personalizes cards with impressive speed, accuracy and security. The module can be configured with up to six programming stations to quickly and efficiently load any combination of applications onto cards within the same job. The contactless smart card personalization module efficiently handles complex personalization and data management requirements.

- A single module can support up to six programming stations

- Multiple smart card modules may be installed in the system to improve throughput or to accommodate longer programming times

- Runs side-by-side with contact smart card personalization modules for dual interface or combi card personalization

- Operates with both Datacard® Affina® Personalization Manager Software (formerly Datacard® Smart Card Personalization Manager (SCPM) software) and embedded applications

- Up to four secure key reader stations are available

Contactless Smart Card Personalization Module Specifications	
Module Functionality	Enables the personalization of contactless smart card chips
Rated Speed	Up to 1,500 CPH (Actual throughput dependent on the application and number of programming stations installed in the module)
System Configuration	Up to 4 smart card modules per system (contact, contactless or any combination)
Programming Stations	1 to 6 stations per module
Coupler Type	Smartware UltraSmart® contactless smart card coupler
Key Reader Stations	2 or 4 shared key reader stations mounted externally on MX6000 system controller
Card Types Supported	• ISO/IEC ID-1 Size; 30 mil (±10%) contactless smart cards: ISO/IEC 14443-1, -2, -3, -4, DesFire, Sony FeliCa card • Full and top half antenna supported
Protocols Supported	ISO 14443 Type A, Type B, Philips MIFARE®, Sony FeliCa
Frequencies Supported	13.56 MHz
Communications Speed	106, 212, 424 and 847 Kbps
Server-Based Application Environment	• Server-based application environment is supported by open standards-based Datacard® Affina® Personalization Manager Software (formerly Datacard® Smart Card Personalization Manager (SCPM) software) • Loaders and interpreters available and supported: Affina® Profiles and Scripting Software (formerly SCPM GlobalPlatform Software Pack) and Affina® MULTOS™ Issuance Software (formerly SCPM MULTOS Software Pack) • Personalization applications and scripts available and supported: MasterCard PayPass® / Magnetic Stripe, MasterCard PayPass®, MasterCard M/Chip®, Visa® Contactless, American Express® ExpressPay and all other major smart card applications • Full PPS is supported in this environment
Embedded Application Environment	• Embedded application environment is available using the UltraSmart® coupler; "ISO-Mode" is available which allows the developer to choose parameters within the supported ISO standards • Loaders, interpreters, scripts and applications are not provided by Datacard Group for this environment; they are the responsibility of the developer • Full PPS is supported in this environment
Module Dimensions	50.1 in. H x 10.0 in. W x 27.0 in. D (127.3 cm x 25.4 cm x 68.6 cm)
Key Reader Box Dimensions	3.0 in. H x 5.0 in. W x 8.0 in. D (7.6 cm x 12.7 cm x 20.3 cm)
Weight	111.0 lbs (50.3 kg) plus 1.5 lbs (0.68 kg) per programming station
Current Draw	0.77 Amps at 230V (when configured with 6 stations)
Heat Output	Average of 566 BTUs per hour (when configured with 6 stations)

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SECURE ID AND CARD PERSONALIZATION SOLUTIONS