DATACARD® MPR3800™ GSM CARD ISSUANCE SYSTEM

INSPIRED INNOVATION

The MPR3800 system features the following modules in four fixed configuration options:

- *System controller*
- *Card input*
- *Barrel smart card personalization*
- *Card flipper*
- *Laser engraving*
- *Card output*

In addition, the MPR3800 system offers a variety of coupler options:

- *Microprocess couplers*
- *Smartware US^nano® couplers*

The affordable solution for demanding SIM card issuance operations

Fast growth in mobile applications and global price pressures present significant challenges for telecommunications companies and other SIM card issuers. The affordably priced Datacard® MPR3800™ GSM card issuance system is designed specifically to address those challenges — and measurably improve speed, security and profitability in your SIM card operations.

- **Optimized for profitability.** The MPR3800 system delivers up to 3,400 cards per hour with outstanding efficiency and the industry's best cost-per-card ratio. Built on a highly robust and proven platform, it provides exceptional reliability to maximize your investment and give you the quality you need for low total cost of ownership.

- **Convenient upgrade capabilities.** The system software is fully compatible with other Datacard® smart card issuance platforms. You can port applications to additional MPR3800 systems — or other high-volume Datacard systems — quickly and easily. This provides strong investment protection and allows you to respond quickly to increases in demand.

- **Configured technologies for efficient operations.** The MPR3800 system features our exclusive barrel smart card module. This innovative and highly efficient design maximizes throughput with 24 single SIM card programming heads or 12 double heads for double SIM card programming. The system is offered in four fixed configurations that include a variety of coupler choices.

- **Proven and robust platform.** Datacard® card issuance systems are the best selling brand because they deliver exceptional speed, security and reliability. The MPR3800 system is backed by a responsive service and support network that supports card issuance and secure ID programs worldwide.

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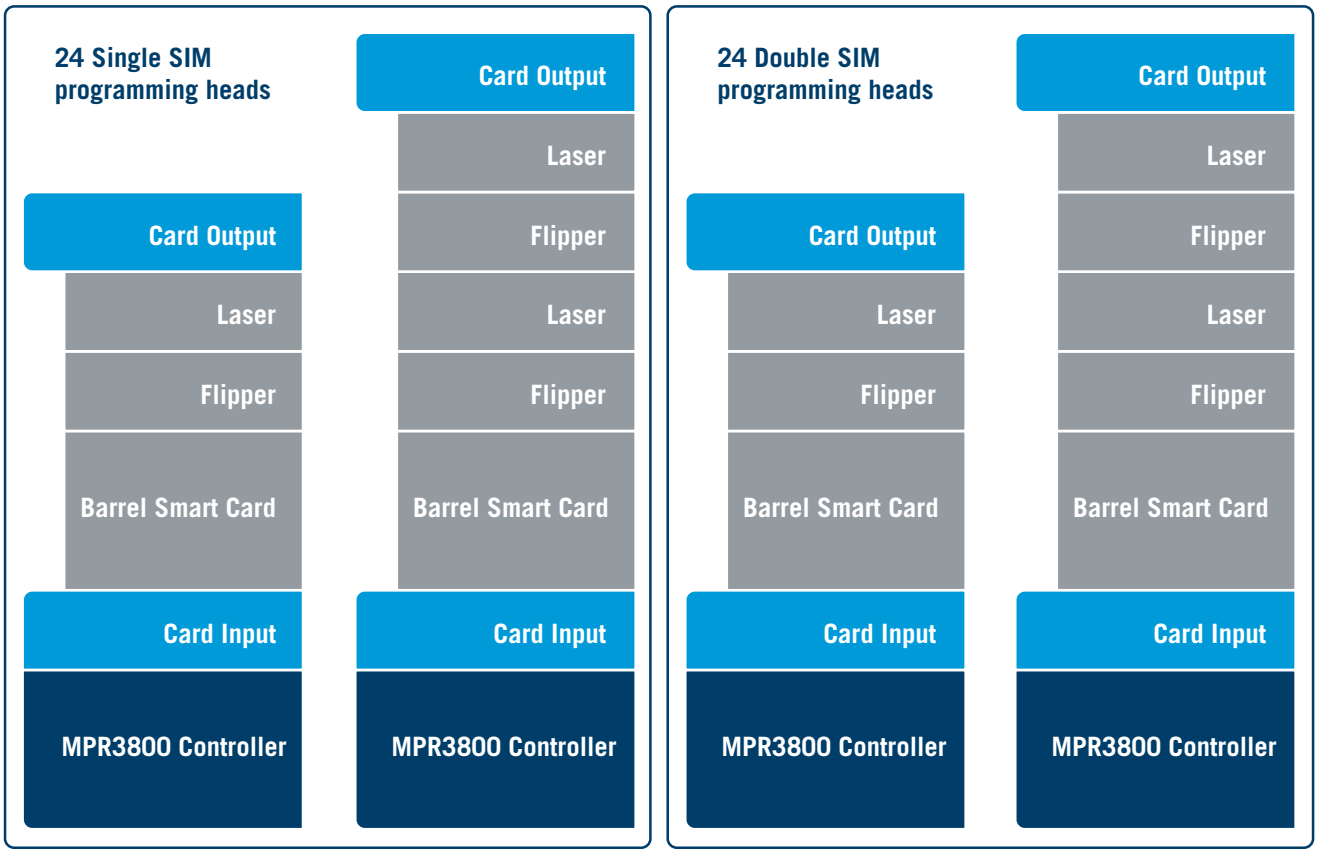

All configurations are available with an optional additional input and output module and/or an additional smart card module.

Module Specifications

MPR3800 Module	Current Draw	Heat Output	Weight
System Controller	0.79 Amps at 230V	594 BTUs per hour	240.0 lbs (109.0 kg)
Card Input	0.60 Amps at 230V	450 BTUs per hour	115.0 lbs (52.2 kg)
Barrel Smart Card Personalization	1.3 Amps at 230V (24 heads)	1020 BTUs per hour (24 heads)	200.0 lbs (50.3 kg) plus 1.75 lbs (0.68 kg) per programming coupler
Card Flipper	0.46 Amps at 230V	348 BTUs per hour	93.0 lbs (42.2 kg)
Laser Engraving	1.29 Amps at 230V	942 BTUs per hour	155.0 lbs (71.0 kg)
Card Output	0.43 Amps at 230V	307 BTUs per hour	100.0 lbs (45.4 kg)

Key System Specifications

Rated Speed	Up to 3,400 CPH (with 24 single heads)
Operating System	Microsoft® Windows® XP Professional
Maximum Configuration	Up to 9 modules
Card Types Supported	ISO/IEC 7810 ID-1 Size; 30 mil (+/- 10%)
System Height	To top of module 50.1 in. (127.3 cm)
System Depth	33.8 in. (85.85 cm)
Electrical Requirements	230V, 50/60Hz, 15 Amps
Operating Requirements	Room temperature: 65° to 80° F (18° to 27° C); Humidity: 20% to 85% (non-condensing)
Storage Requirements	Room temperature: -50° to 130° F (-46° to 54° C); Humidity: 0% to 100% (non-condensing)
Agency Approvals	FCC, CE and RoHS Compliant
Card Materials Supported	PVC, composite, polycarbonate, ABS, PET and PETG Limitations may exist for each personalization or verification technology

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