

SECURE PIN Coverage

Card Personalization Integration Module



Highly Secure – Multi-PIN Capable
Highly Versatile – Easy to Use – Cost-efficient



Secure PIN Module – Low Cost at High Security

Enhance the functionality of our highly flexible CARDLINE VERSA card personalization system with the new Secure PIN scratch-off module. Combined with modern OMEGA inkjet printers and new VERICAM print verification, CARDLINE VERSA brings unique and innovative capabilities to the market that will offer manufacturers significant market differentiation and added value in a highly competitive and price-sensitive market space.

Typical Applications

- Pre-paid cards
- Multi-voucher PIN products
- Lottery tickets
- PIN mailing

Secure PIN Module at a Glance

- Secure PIN coverage with scratch-off function
- Lowest consumable costs compared with labels and foils
- Multi-PIN capability
- Combined with state-of-the-art digital printing technology (up to 720 dpi)
- Format flexibility up to A4 size
- Simple job set-up



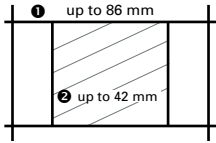
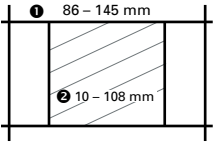
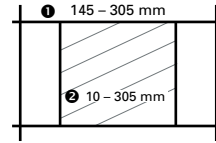
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System Details

Technical Specifications	
CARDLINE VERSA System Speed	Up to 60 m/min (197 fpm) – depending on material
Product Length (in running direction)	85.6 – 305 mm (3.37 – 12 inches)
Product Width (across running direction)	54 – 210 mm (2.125 – 8.268 inches)
Product Thickness	0.3 – 1.0 mm (12 – 40 mil)
Typical Materials	Paper, non-transparent, optionally perforated (perforation holes must not be transparent for product sensor light)
Allowed Warpage	Max. 0.5 mm (20 mil) – both directions
Card Surface	Allowing UV-DoD and UV-Flexo printing

Performance Matrix

Depending on product length, the Secure PIN module can be configured to allow for either one, two or three PIN imprints per print drum revolution.

Product Type	Format Type 1	Format Type 2	Format Type 3
● Product Length	Up to 86 mm / CR80 (3.386 inches)	86 – 145 mm (3.386 – 5.709 inches)	145 – 305 mm (5.709 – 12 inches)
● Image Length (scratch area)	Up to 42 mm (1.654 inches) 	10 – 108 mm (0.394 – 4.252 inches) 	10 – 305 mm (0.394 – 12 inches) 
Number of Images (per revolution of printing drum)	3	2	1
Linear Speed	Up to 60 m/min (197 fpm)	Up to 60 m/min (197 fpm)	Up to 60 m/min (197 fpm)
Throughput (products/h)	Up to 27 000	Up to 18 000	Up to 9 000

