



*The World's Leading Printer
for Secure, Laminated Cards*



STANDARD CARDS



OVERSIZED BADGES



EDGE-TO-EDGE



MAG STRIPE



SMART CARDS



LCD DISPLAY



SMART SHIELD



SMART GUARD

Pro-L

FARGO[®]

FARGO Pro-L – Delivering Speed, Security and Durability.

Characterized by unwavering reliability and solid construction, FARGO's high-performance Pro-L Card Personalization System is engineered for applications that require highly durable, laminated cards that last and last.

Built-in Lamination Station Provides Heightened Durability and Security for ID Cards

As the innovator of the built-in lamination station, FARGO is the authority on this breakthrough technology. The Pro-L's high-speed lamination station has the capacity to laminate both sides



of a card and implement a number of advanced security features. This is accomplished by offering several different overlamine choices, including FARGO's clear or holographic PolyGuard™, which provides maximum durability and protection from abrasion and color fading.

Solidly Constructed for Continuous-Print Applications



Rugged, durable and loaded with high-powered performance features, the Pro-L is ideal for use in continuous-print

applications. Engineered for high duty cycles, the printer's networking capabilities enable it to be connected for high-end production with multiple printing stations. As the first printer in the revolutionary Professional Series product line, the Pro-L further enhances FARGO's position as the innovative leader in card personalization technology.

Rapid Printing Speed Takes You to the Edge

Perfectly suited for high-volume environments, the Pro-L incorporates 4MB of standard memory to produce large quantities of full-color cards at industry-leading speeds. The Pro-L can print and laminate a full-color card in just 40 seconds. Plus, when batch printing, the Pro-L prints one card while simultaneously laminating another – allowing it to produce up to 120 single-sided, laminated color cards per hour!

Integrated Magnetic Stripe Encoding and Smart Card Personalization

With the advanced technology of Pro-L, you can include some of today's most sought-after features in your cards. Both a smart card encoding contact station and/or a dual high/low-coercivity magnetic stripe encoder can be built into the printer and integrated directly into the printing process. These options allow you to use your cards for access control, time and attendance, vending and much more.

The Latest in Security Innovation – SmartGuard™ and SmartShield™

SmartGuard is literally the “key” to your security needs. This optional feature allows you to encode a custom access card which, when

inserted into the printer, provides access only to those who have been authorized to print. This patent pending feature controls output and provides accountability for the production of all cards.

The SmartShield option is yet another FARGO innovation (patent pending). It allows you to print custom transparent images onto cards which reflect light when viewed at an angle. Plus, for even higher security, these images glow when viewed under an ultraviolet light. Either way, SmartShield images enhance card security and help protect against counterfeiting.

Order your Pro-L Card Printer today from a FARGO Solution Provider!



STANDARD
CARDS



OVERSIZED
BADGES



EDGE-TO-EDGE



MAG STRIPE



SMART
CARDS



LCD DISPLAY



SMART
SHIELD



SMART
GUARD

Pro-L Card Printer Specifications



FARGO's thermal film and ultra-durable PolyGuard overlaminates deliver added protection from abrasion and color fading. Custom holographic security features can also be incorporated.



FARGO's exclusive SmartGuard security feature allows you to encode a smart card for controlling printer access. Once encoded, the smart card is inserted into the printer to provide access only to those who have been authorized to print.

| | |
|--|---|
| Print Method: | Dye-Sublimation/Resin Thermal Transfer |
| Resolution: | 300 dpi (11.8 dots/mm) |
| Colors: | Up to 16.7 million |
| Print Ribbon Options: | Full Color with resin black (Y,M,C,K,O)*, 250 prints Full Color with two resin black panels (Y,M,C,K,O,K)*, 250 prints Full Color with with resin black, no overlay panel (Y,M,C,K,K)**, 250 prints Dye-sublimation black (B,O)*, 1000 prints Resin black, green, blue, red, white, silver, gold, scratch-off, 1000 prints **Must be used with overlaminate |
| Overlamine Options: | Thermal Transfer Overlamine, .25 mil thick, 500 prints PolyGuard Overlamine, .6 mil thick, 250 prints PolyGuard Overlamine, 1.0 mil thick, 125 prints All overlaminates available in either clear, holographic globe design or custom holographic design. |
| Print Speed: | Approx. 8 seconds per card / 450 cards per hour (K)* Approx. 15 seconds per card / 240 cards per hour (B,O)* Approx. 30 seconds per card / 120 cards per hour (Y,M,C,K,O)* Approx. 30 seconds per card / 120 cards per hour (Y,M,C,K/lamination) Approx. 37 seconds per card / 97 cards per hour (Y,M,C,K,K/lamination) *Indicates the ribbon type and the number of ribbon panels printed where Y=Yellow, M=Magenta, C=Cyan and K=Resin Black, O=Overlay, B=Dye-Sublimation Black |
| Accepted Standard Card Sizes: | CR-80 (3.375"L x 2.125"W / 85.6mmL x 54mmW) CR-90 (3.63"L x 2.37"W / 92mmL x 60mmW) CR-100 (3.88"L x 2.63"W / 98.5mmL x 66.7mmW) |
| Print Area: | CR-80 (3.37"L x 2.11"W / 85.5mmL x 53.5mmW) |
| Maximum Accepted Card Width Range: | 2.1" to 2.63"W / 53mm to 67mmW |
| Maximum Accepted Card Length Range: | 3.25" to 3.88"L / 82mm to 98mmL |
| Accepted Card Thickness: | .010" to .040" / .254mm to 1.02mm |
| Card Types: | PVC or Polyester cards with polished PVC finish; monochrome resin ribbon required for straight polyester |
| Input Hopper Card Capacity: | 100 PVC cards (.030"); auto or manual feed |
| Memory: | 4 MB RAM; upgradable to 16 MB |
| Networking: | Hewlett-Packard® JetDirect® EX Plus Single-Port External Print Server |
| Software Driver: | Windows® 95/98/NT/2000 |
| Interface: | Standard 8-bit Centronics-type parallel (ECP compatible) |
| Operating Temperature: | 65° to 80° F / 18° to 27°C |
| Humidity: | 20%-60% non-condensing |
| Dimensions: | 10.44"H x 24.79"W x 10.94"D / 265mmH x 630mmW x 278mmD |
| Weight: | 41 lbs. / 18.6 kg |
| Agency Listings: | Safety: UL 1950, CSA, C2.2 and TUV-GS (IEC-950) Emissions: FCC Class B, CRC c1374, Class B and TUV-EMC (IEC-801 -2, -3, -4; CISPR 22, Class B) CE |
| Supply Voltage: | 100-250 VAC: 2 A |
| Supply Frequency: | 50 Hz / 60 Hz |
| Warranty: | Printer – One year; optional Extended Warranty Program (U.S. only) Printhead – One year usage-allowance with UltraCard cards |
| Options: | <ul style="list-style-type: none">• ISO Magnetic Stripe Encoding Module, dual high- and low-coercivity, Tracks 1, 2, and 3 (optional Encoding Module for oversized cards also available)• JIS II Magnetic Stripe Encoding Module (not for use with oversized cards)• Smart Card Encoding Contact Station• SmartGuard and SmartShield Security Features |

FARGO®

6533 Flying Cloud Drive
Eden Prairie, MN 55344 USA
(952) 941-9470
800-459-5636
FAX: (952) 941-7836
www.fargo.com
E-mail: sales@fargo.com

This data sheet is for informational purposes only. FARGO Electronics makes no warranties, expressed or implied, in this summary. Company and product names and data used in sample output are fictitious. Specifications are subject to change without notice. Pro-L, PolyGuard, SmartGuard and SmartShield are trademarks and FARGO is a registered trademark of FARGO Electronics, Incorporated. All other trademarks and registered trademarks are property of their respective companies. This is not an offer of sale.

©2000, FARGO Electronics, Incorporated. All rights reserved. SL1081-REV0008