



World Class
Identification Card Printers



PR5300 Printer

- Industry Leading 24-bit Color Printing
- 300dpi Print resolution ~ Dye-Sublimation
- 256-Grayscale
- Separate image ~ 103 cards per hour
- Dual-sided printing
- True Edge-to-Edge Printing
- Modular design
- Ultra small foot print w/ or w/o lamination
- Downloadable firmware
- Optional Security Over Laminates
 - Holograms ~ Protective Clear ~ UV/IR
- Product Released in 2000





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PR5310 – Inline Encoding

- Same Capabilities & Output as the PR5300 +++
- Inline Mag Stripe & Smart Card Encoding
 - Field Interchangeable Modules
- Contact & Contactless Chips
 - MIFARE
 - DESFire
 - HID Prox. & iCLASS
- USB 2.0
- Product Released in 2004





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PR5350 High-Speed Printer

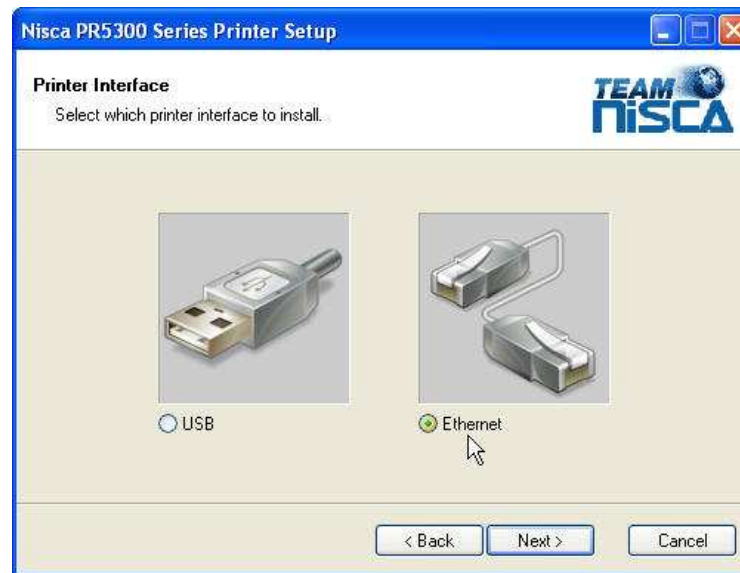
- Higher-speed printing
 - 158 CPH [cards per hour] – YMCO
 - 136 CPH – YMCKO
 - 116 CPH – YMCKO / K (dual sided print)
 - 104 CPH - YMCKK / K / Laminate (dual sided print / single side lamination)
- USB 2.0
- Mag Stripe & Smart Card Encoding
 - Field Interchangeable Modules
- Lamination Module
- Release date: January '05





New PR53XX Driver V5.0:

- **Now with network support!**
 - The V5.0 Nisca driver now offers imbedded support for the Silex's NSX2000U2 USB to Ethernet Hub



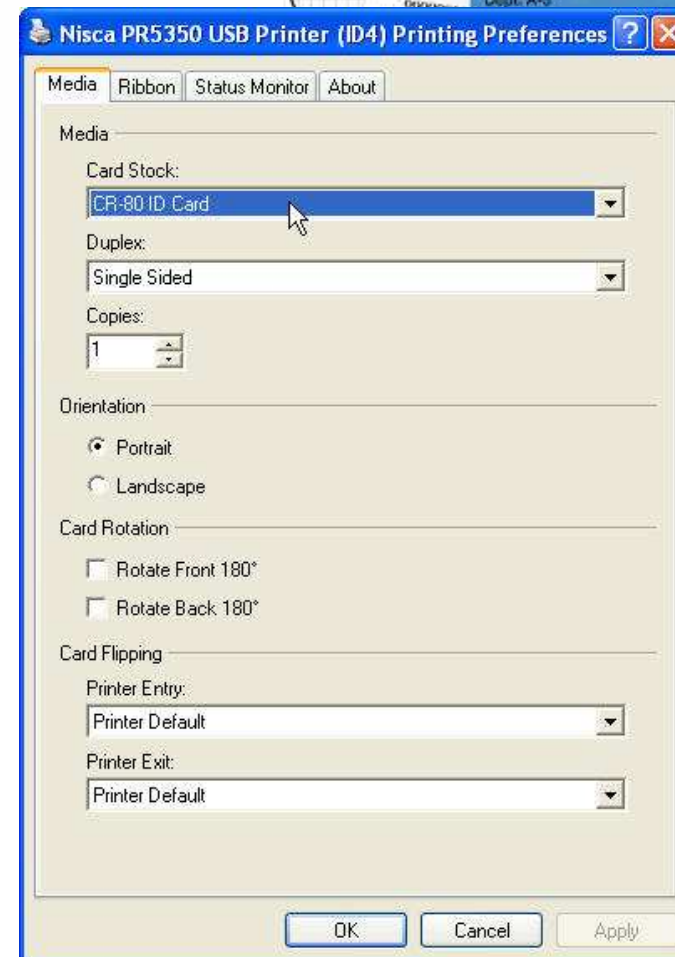


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New PR53XX Driver V5.0:

- Now with new interface similar to Nisca's Apple Mac Driver



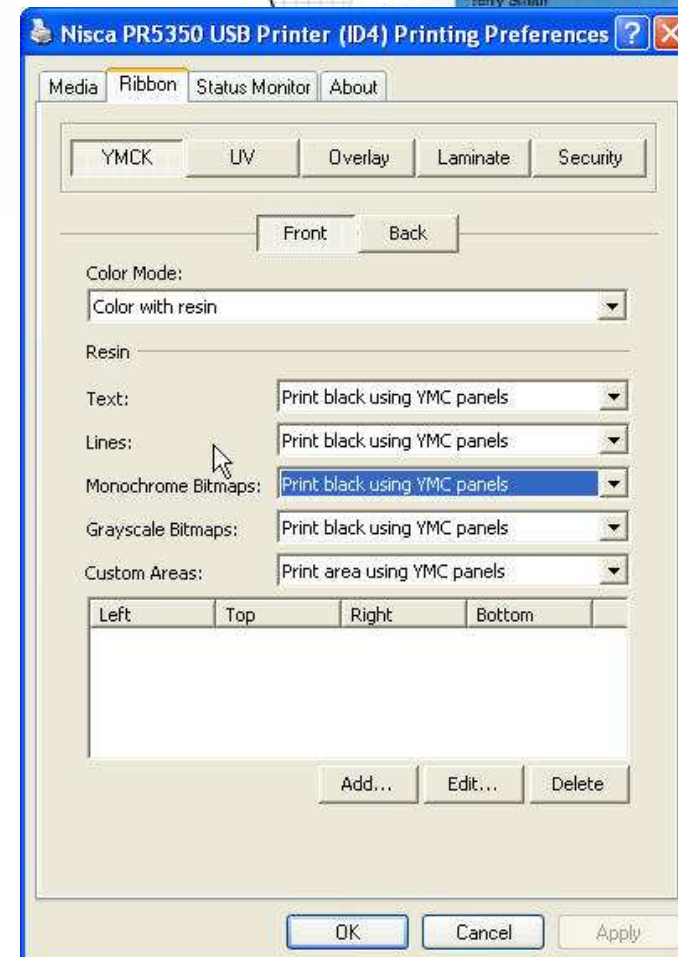


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New PR53XX Driver V5.0:

- New advanced Resin printing features:
 - Text
 - Lines
 - Monochrome Bitmaps
 - Grayscale bitmaps
 - Custom areas of your determination



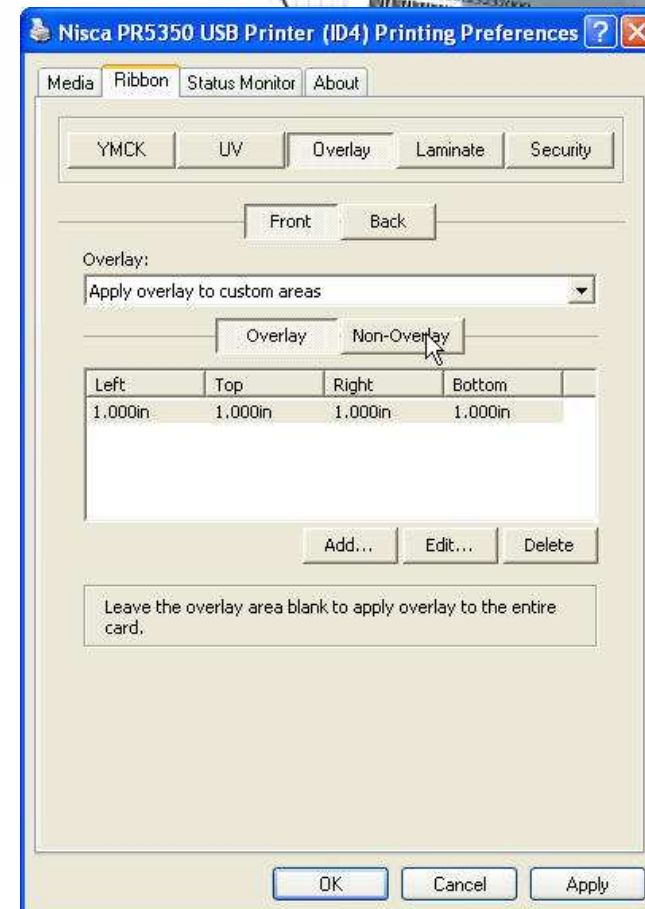


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New PR53XX Driver V5.0:

- New advanced Clear Overlay settings:
 - Add multiple Overlay areas
 - Add multiple NON-Overlay areas



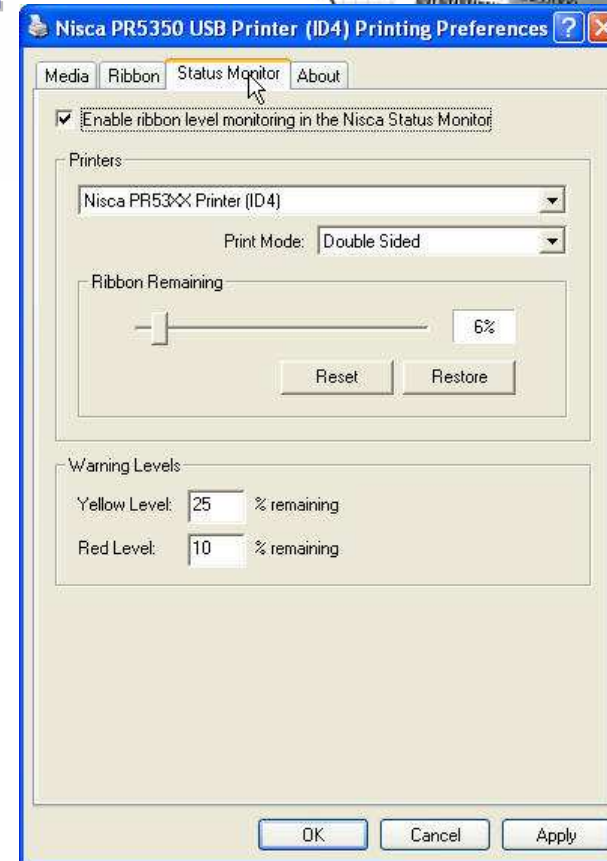


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New PR53XX Driver V5.0:

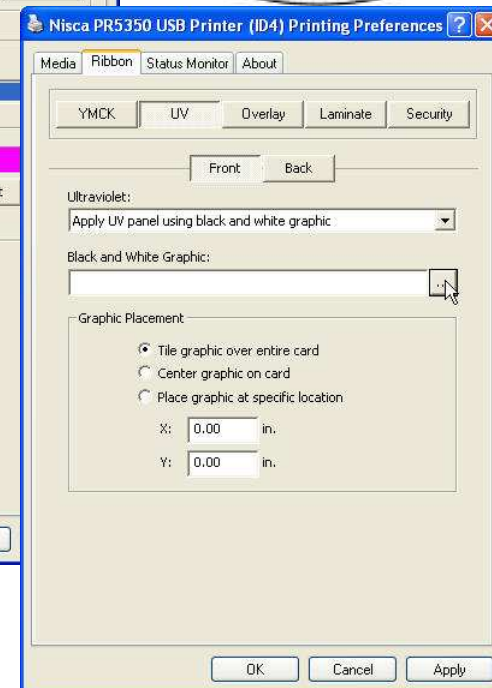
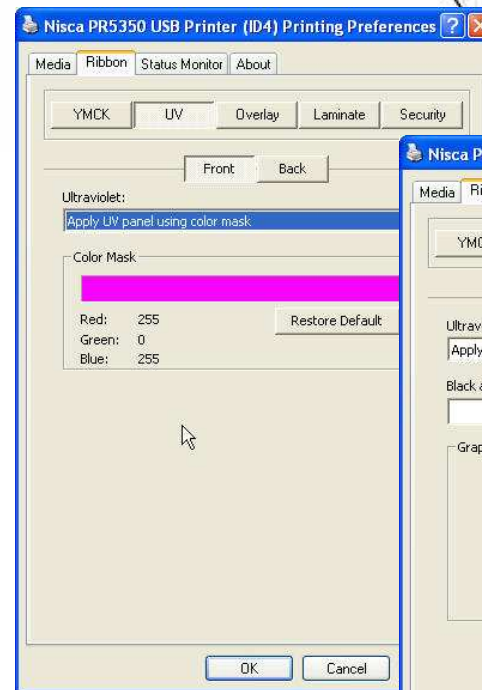
- More advanced ribbon monitoring features to warn user when ribbon is getting low.





New PR53XX Driver V5.0:

- More advanced UV printing features with true Resin UV Ink for the brightest UV possible
 - Use a color mask for Variable UV printing
 - Or upload a bitmap image





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New PR53XX Driver V5.0:



Security Printing

Variable UV

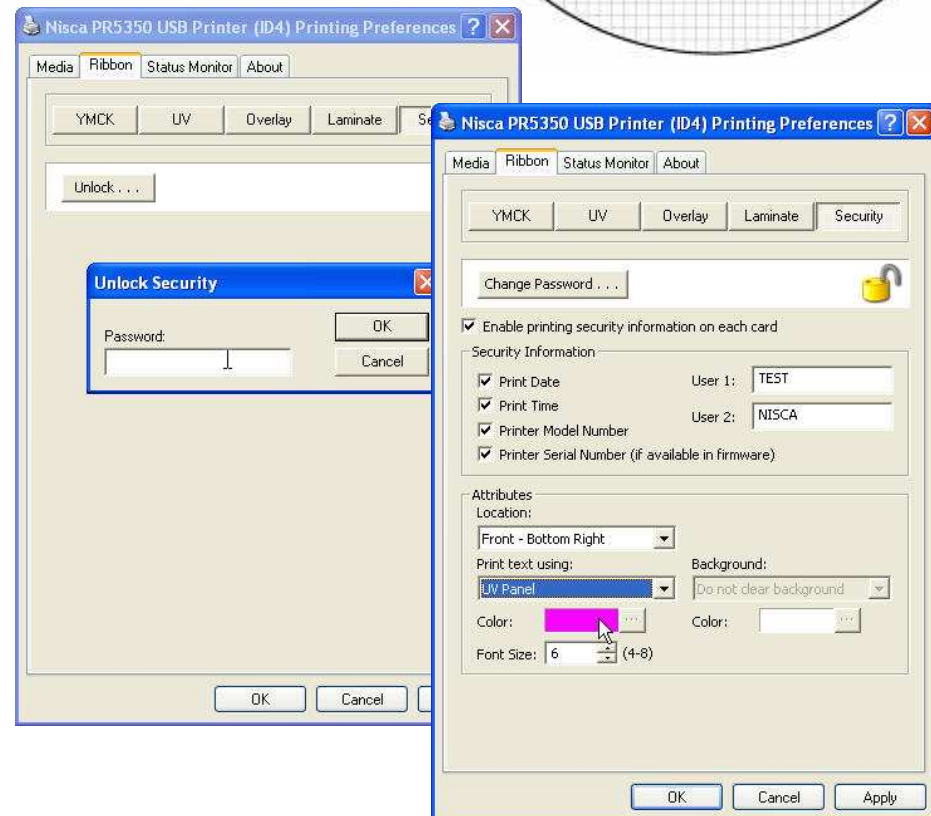
Static UV





New PR53XX Driver V5.0:

- Password protected Security Printing Options:
 - Print time, date,
 - Serial number of printer,
 - And add custom text
- On every card printed using standard ink ribbons or in UV.





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Driving License Solutions:

- PR5350/PR5302 System, offers dual sided printing with single sided lamination at 100 cards per hour
- PR5350/PR5302/PR5302 System, offers dual sided printing and lamination at 110 cards per hour
- Custom lamination with 3 levels of security
- Central Production Solution
- Mag Stripe & Smart Card Encoding
 - Field Interchangeable Modules





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Inline Encoding



MagStripe – 100bytes
All Printers



1-D & 2-D Bar Codes
All Printers, Software driven



IC Contact Chip
PR5310 & PR5350



RFID / Contactless
PR5310 & PR5350



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New! NiscaCPS

“Central Production Solution”

- Up to 8 USB printers on 1 PC provides extremely high throughput
 - 1,200+ cards per hour ~ YMCO
- 2-Way communication protocol is maintained at all times
 - ensures successful card production
- Load Balancing & Job-routing
 - different card stock in specific printers
- If 1 printer is off-line, the remainder continue to function





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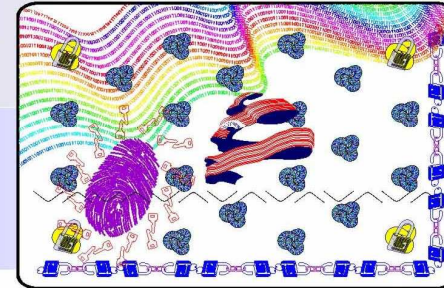


Security Lamination with the PR5302 Heat Roller Unit

- Layered Security
 - PR5300 / PR5310 / PR5350
- Modular Design
 - Field Upgradeable
- Single-sided or Double-sided
- Thinfilm & 1mil Patch
 - OVD, Holograms, Microprint
- New Short Run Custom Holograms



FORENSIC HOLOGRAPHIC SPECIFICATIONS



C. Mixed Resolutions
As an added security feature, various image elements are originated intertwining various resolutions. Almost impossible to reproduce without actual data utilized by the generating computer.

A. Extremely fine line Guilloche elements

B. Animated Light Micro-Text

J. Fine Lines

I. Micro-Text

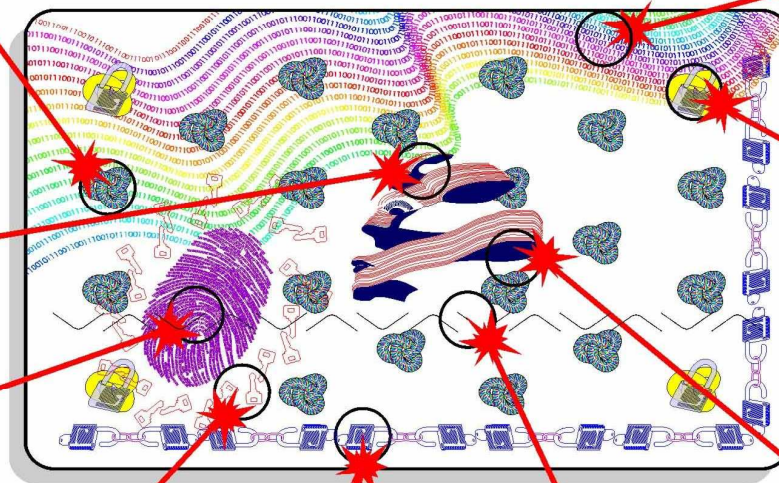
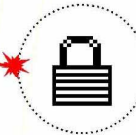
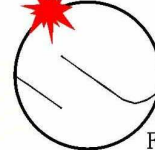
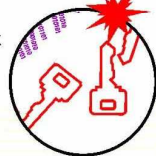
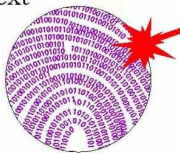
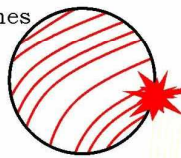
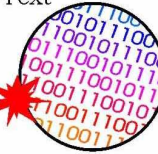
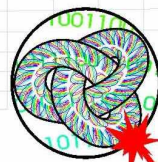
H. Red UV Print

G. Latent Image

F. NISCA Tamper Evident

E. Laser Retrievable Image

D. Flip Image - Two Channel Hologram





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Why NiSCA?

- Reliability, ISO 9001
- 24-bit color – best in the industry!
- 2-year warranty printer/print head based on price list.
- Environmentally friendly – ISO 14001, TUF, RoHS compliant.
- Upgradeability – Nisca grows with you
- Install it and forget it!