
Zebra P630i Card Printer

Frequently Asked Questions

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What is the Zebra P630i?

The Zebra P630i is a rugged, dual-sided color card printer with waste-free single-sided laminator and features designed for security-sensitive applications. With features such as covert printing, an ID Key to prevent unauthorized printer use and its ID Log software to build a record of card transactions, the P630i adds unique security elements to ID cards easier, faster, and more economically. This next generation printer from Zebra delivers mission-critical reliability and superior affordability. Protect your ID cards from counterfeiting, alteration or duplication with the P630i's customizable levels of security.

What are the printer features and benefits of the P630i?

- Full color card printing with sharp image quality and superior color registration
- Single-sided waste-free lamination
- Unique card carriage system that requires no cleaning
- Fast production output, 120 cards per hour
- Optional 10/100 built-in Ethernet
- ID Log software – a driver utility that builds a customizable record of card transactions in the printer's host computer for added security. ID Log records a user-selectable list of data including printer serial number, date, time and location. The data set can be uploaded to a central archive, thus providing a means for security offices to validate the card by comparing it with tamper-proof "real data"
- Programmable driver pass-code protection that locks a printer to a computer. This disables the card printer when connected to an unauthorized host.
- Optional ID Key – a security feature that disables the printer when removed and prevents unauthorized printer use
- Covert printing capability for added security
- Lightweight with small footprint

Will it be able to print and laminate on smart cards?

Yes – P630i/P640i smart card laminate is available. Clear laminate for smart cards is PN# 800015-913.

Can the P630i/P640i encode smart cards?

Yes – An optional integrated contact encoder or contact station for third party encoders are available. An integrated MIFARE contactless option will be available at the end of 2007.

What are the unique security features of the P630i/P640i printers?

- Micro-positioning of cards for detailed graphics and reliable bar codes, plus covert features printed at the time of issue
- Driver pass-code – a programmable pass-code that ties the card printer to the host computer and disables the printer when connected to an unauthorized host. Several computers may be authorized with the same pass-code in order to access the card printer over the network.
- ID Log software – a driver utility that builds a customizable record of card transactions in the printer's host computer for added security. ID Log records a user-selectable list of data including printer serial number, date, time and location. The data set can be uploaded to a central archive, thus providing a means for security offices to validate the card by comparing it with tamper-proof "real data"
- Optional ID Key – a security feature that disables the printer when removed and prevents unauthorized printer use
- Optional Linear Barcode Scanner – The linear barcode scanner can be used to read unique barcodes that are pre-printed on blank card stock, allowing for the closed-loop tracking of individual cards.
- Custom coded ribbons and matching printers for large projects

What are the supported operating systems?

Windows® drivers 2000, XP

What print ribbon types are available?

Three ribbon types are currently available for the P630i: YMCK (600 cards/roll, 3 colors plus black), YMCKK (500 cards/roll, 3 colors plus 2 black panels), YMCUVK (500 cards/roll, 3 colors plus one UV and one black panel) and monochrome (3000 full panel images/roll, black).

Will P640i ribbons and laminates work on P630i printers?

Yes.

Is there a monochrome ribbon for the P630i/P640i?

Yes, monochrome ribbon printing capability is available for the P630i/P640i. The monochrome ribbon part number is 800014-901.

Do P630i/P640i ribbons require any special care or handling?

For P630i/P640i ribbons, Zebra recommends the same handling and storage conditions as its other TrueColours® standard and *i* Series card printer ribbons.

What types of laminates are available for the P630i?

The P630i uses the same laminates as the P640i. P630i/P640i laminates are available for full-sized cards, magnetic stripe cards and contact smart cards in two styles: 1) clear laminates and 2) custom printed with special OVD and/or holographic images.

How can I order custom laminates?

Contact your Zebra Card Printer Solutions reseller for ordering customized laminates.

Do P630i/P640i laminates require any special care or handling?

For P630i/P640i laminates, Zebra recommends the same handling and storage conditions as its other laminates.

What's the warranty on the printer?

One year printer warranty
One year (unlimited passes) on the printhead

How is it serviced?

As with any other Zebra card printer, a Return Material Authorization (RMA) must be issued by a Zebra Customer Service Representative prior to any equipment return to Zebra for in or out of warranty depot repair service. Our facility in Camarillo offers RMA service to our customers in North and Latin America, as well as Asia Pacific, while our Preston facility services RMA customers in Europe, Middle East and Africa.

What about Hot Swap? Is it available? Is it included?

One-year hot swap service is available at a nominal fee for P630i/P640i units installed within the United States. Under this program, Zebra provides a temporary replacement unit while the customer-owned unit is at Zebra for warranty repair. Two additional years of hot swap service coverage is also available.

Can I use PVC cards in the P630i/P640i?

You can use high-quality PVC cards that are made for use in thermal card printers, however, plain PVC cards tend to warp slightly during the lamination process. For ISO standard card printing and laminating, we strongly recommend using only PVC Composite type cards, TrueColours Premier Plus Cards.

How many cards can I produce per hour?

The pipeline throughput depends on many factors including the speed of the computer being used to issue the print jobs and if additional operations are required such as smartcard encoding. When printing YMC on the front; K on the back, laminating one side of the card and keeping the computers print queue full, the P630i will produce up to 120 cards per hour.

What types of computer interfacing is available?

The standard and most common interface is USB version 1.1. Optional available interfaces are 10/100BaseT Ethernet and parallel (printer order minimum applies).

How often do I need to clean the print mechanism?

General cleanliness should always be maintained in any thermal print. There is, however, no requirement for regular cleanings with cleaning cards, alcohol swabs etc.

What thickness of cards can the P630i/P640i accommodate?

It is primarily intended for use with ISO standard CR80 sized cards. It will also accommodate .033" cards being proposed to accommodate some smartcard applications.

There is no LCD on the front panel. How can I tell what state the printer is in?

The front panel is intended to convey simple ready or not ready information through LED's. Information beyond that is displayed in great detail in simple terms on the computer display with step by step instructions for error correction.

What is an ID KEY?

The ID KEY is an optional, physical electronic "key". When inserted the printer runs normally and when removed disables the ability to print. This allows users to make the printer an unattractive theft target as well as disable it during breaks, lunch, etc...

In the event of a card jam, how do I remove the card?

If the card is lost somewhere between the input hopper and the flip station, you can move the carrier around using the knob at the right side of the flip station. If it is lost in the laminator, the thumbscrew at the heated rollers will allow you to pull the rollers (and card) out of the front side of the laminator. Be careful, it's hot!!!

Where can I get driver updates/information?

For downloads, go to the Zebra Card web site www.zebracard.com.

Can the P630i/P640i print from any Windows® program?

The P630i/P640i is intended to print from any WINDOWS® compliant application. We recommend printing from a Card Badging Application Software Program. Some graphics programs only allow single page printing (i.e. Photoshop, COREL, etc) and are obviously not intended as badging applications. The P630i/P640i can also print single cards from standard Microsoft products, such as Word. These types of applications are probably not the best choice in a production environment as many cannot perform functions such as double-sided printing or magnetic-encoding.

Where can I buy P630i/P640i media?

Cards, ribbons and laminates for the P630i/P640i are available through Zebra's worldwide network of Zebra Card Printer Solutions resellers.

How does the P630i print using the YMCUvK security ribbon?

The P630i functions the same as the P640i with respect to the variable UV feature. Previously, customers needed to make a special request to enable this feature. It is now enabled in all P630i and P640i printers. Be sure to use the correct plastic card for YMCUvK applications, some plastic cards come with optical brighteners causing the Uv printed image to appear less vibrant. To ensure that the Uv printed image appears very sharp and bright, Zebra recommends using PN# 104524-104, a 30mil white blank PVC Composite card that has reduced optical brightener.

Who do I contact if I have any other questions?

Contact your Zebra Card Printer Solutions reseller for any questions related to the P630i or any other Zebra card printers.