**FCC - Compliance Statement (USA)**

This device complies with Part 15 rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for Class A Digital Devices, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the product manuals, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, the user is encouraged to do one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced RF service technician for help.

**Important:**

1. The radio must be installed with a minimum 20 cm separation between the user and the antenna.
2. The radio must not be co-located or used in simultaneous transmitting condition with another radio.
3. The host system shall have a label to indicate that the system contains a certified module.


4. The radio is for indoor use only in the 5150-5250 GHz frequency range.

The user is cautioned that any changes or modifications not expressly approved by Zebra Technologies could void the user’s authority to operate the equipment. To ensure compliance, this printer must be used with fully shielded communication cables.

---

**Canadian DOC Compliance Statement**

Cet appareil numérique de la classe A est conforme à la norme NMB-003 du Canada.

This Class A digital apparatus complies with Canadian ICES-003.

**Industry Canada (IC) Warning**

Le présent appareil est conforme aux CNR d'industrie Canada ap-plicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d’entraver le fonctionnement.

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: 1) This device may not cause interference, 2) This device must accept any interference, including interference that may cause undesired operation of the device.

---

**Brasil - Aviso da Anatel**

Este equipamento opera em caráter secundário, isto é, não tem direito a proteção contra interferência prejudicial, mesmo de estações do mesmo tipo, e não pode causar interferência a sistemas operando em caráter primário.

"Este produto está homologado pela ANATEL, de acordo com os procedimentos regulamentados pela Resolução 242/2000, e atende aos requisitos técnicos aplicados"

Para maiores informações, consulte o site da ANATEL  www.anatel.gov.br

---

**UHF RFID**

- Zebra
- PN: Zebra Technologies P1033567-01
- -10 dBi

**802.11 b/g**

- PN: WCR2400SMRP
- 1.3 dBi @ 2.4 GHz
- 50 Ω
Zebra ZXP Series 7

ITE

- FCC A CFR47 15 B
- 15 C
- STD RSS-210
- NOM-NYCE
- EN60950-1 (TUV & NRTL)
- RCM

- 2004/108/EC EMC EN 55022:A
- EN55024 EN61000-3-2 EN61000-3-3
- 2006/95/EC LVD CB
ZEBRA TECHNOLOGIES CORPORATION

Zebra ZXP Series 7


RFID

2006/95/EC R&TTE ETSI EN 301 489-3 V 1.4.1 (2002-08) EN 300 220-2 V2.1.2 (2007-06)

Zebra ZXP Series 7

Agoura Hills 2004-10

230

FI: “Laite on liitettyä suojamaadoitus koskettimilla varustettuun pistorasiaan”
SE: “Apparaten skall anslutas till jordat uttag”
NO: “Apparatet må tilkoples jordet stikkontakt”

日本：総務省（MIC）認証マーク

本製品はMICの認証を受けています。

RFID認証番号はNo. FC-10003です。

この機器は、無線周波数エネルギーを生成および使用し、それらを放射する可能性があります。したがって、ユーザー・マニュアルに従って設置および使用しなかった場合、無線通信あるいはベースメーカーなどの医療機器に有害な干渉を引き起こすことがあります。
• ........................... 4
• ......................................................... 8
• .......................................................... 11
• .......................................................... 13
• .......................................................... 15
• .......................................................... 18
• .......................................................... 31
• .......................................................... 32
•  Windows ........................................... 35
2: ☢️

1. ☢️
2. ☢️
3. ☢️

4. ☢️

Zebra ZXP Series 7 ☢️
5. **Installation Instructions**

6. **Specifications**

   - **Operating Temperature:** -5°C/23°F to 70°C/158°F
   - **Storage Temperature:** 15°C/59°F to 35°C/95°F
   - **Humidity:** 20% to 80% RH
   - **Input Voltage:** 90 V~264 V
   - **Frequency:** 47-63 Hz
   - **Power Output:** 50-60 W

7. **Additional Information**
2: 1. 2. 3. 4.

4. Zebra ZXP Series 7
5. Zebra ZXP Series 7

6. Zebra ZXP Series 7

- 157 V~264 V
- 47-63 Hz
- 20ºC - 80% RH
- 15-35°C / 59-95°F
- 90 V~264 V
- 47-63 Hz
- 50-60 Hz

7. Zebra ZXP Series 7
1. 

2. 

3. 45°  

4.
5. [Instructions and diagrams related to the printer]

6. [Instructions and diagrams related to the printer]

7. [Instructions and diagrams related to the printer]
1. 

2. 

3. 

4. 
1.  
2.  
3.  
4.
5.  

6.  

7.  

8.  

9.  

10.  

11.  
ZXP Series 7 זebra True Colours® זebra True Colours® זebra True Colours® זebra True Colours®

1. 2. 3. 4.
2.  

5.  

6.  

7.  

8.  

9.  

10.
11. 

12.
1. 

2. 

2:
1.  

! IMPORTANT NOTE

2.  

3.  

4.  

5.  

6.
7. 

8. 

9. 
10. This slot allows you to adjust the tension on the media roll. Make sure the tension is set to the appropriate level for your application.

0 - 0.5 mm
0 - 1/32"
1. 
2. 
3. 
4.
5.  

6.  

22

24
2: "...

“...”

“...”

- 42 " 1.66 "
- 33 " 1.33 "

...
1. 

2. 

3. 

4. 

5. 

6.
1. 机器正在工作，请勿断电。
2. 断开电源，拔掉插头。

(关闭)
USB

1. 连接USB接口

2. 插入“U盘”或移动到USB插槽
2: แสดงแผนที่

1. แสดงแผนที่
2. แสดงแผนที่ “" (1) แผนที่
**Windows**

**USB**

1. Install Zebra Printer Driver

2. Start the installation process by selecting the appropriate USB port.

3. Select the “Install” option to proceed.

4. Select the appropriate drivers and options as required.

5. Complete the installation process by following the on-screen instructions.

6. Repeat steps 1 to 5 for additional printers or drivers.

7. **Upgrade**
   - a. Upgrade existing drivers
   - b. Upgrade existing USB drivers
   - c. Upgrade existing drivers and USB drivers

8. **Modify**
   - a. Modify existing drivers
   - b. Modify existing USB drivers
   - c. Modify existing drivers and USB drivers

9. **Remove**
   - a. Remove existing drivers
   - b. Remove existing USB drivers
   - c. Remove existing drivers and USB drivers

10. **Welcome**
    - a. Welcome to the installation process
    - b. Welcome to the drivers installation
    - c. Welcome to the USB drivers installation

11. **Yes**
    - a. Yes to all changes
    - b. Yes to all changes and USB changes

12. **No**
    - a. No to all changes
    - b. No to all changes and USB changes

13. **Other**
    - a. Other installation options
    - b. Other USB installation options

14. **Finish**
    - a. Finish the installation process
    - b. Finish the drivers installation
    - c. Finish the USB drivers installation
8. InstallShield Wizard

9. Install USB printer drivers

10. Please make sure that your printer is turned off. After installation of the driver, you will be prompted to turn on the printer.

OK
11. **License Agreement**

I accept the terms of the license agreement.

Next →

12. **Customer Information**

Next →
13. Choose Destination Location

- Next

- Change

14. Ready to Install the Program

Install
15. Setup Status

![Setup Status Screen]

16. Congratulations

![Congratulations Screen]
17. InstallShield Wizard Complete  
Finish

18. USB
2: 콤 콤 콤

- Windows 콤 콤 콤 콤 콤

---

1. OCP (OCP) IP

2. OCP [INFO] Printer Info

3. NEXT Network Info

4. IP (IPv4) 10.1.24.66

5. NEXT IPv6

6. IPv6 207:4DFF:FE45:6B22

7. EXIT Operational Mode Display

8. IPv4 IPv6
2: Windows

1.  “( )”

2.  “( )”

3.  “( )”

4.  User Documentation and Drivers CD

5.  Main Menu

6.  Main Menu  Install Printer Driver

7.  Welcome

8.  

7.  

a.  Upgrade

b.  Modify

c.  Remove
8. InstallShield Wizard

9. Install Ethernet printer drivers

10. Accept the license agreement and click "OK"
11. License Agreement

I accept the terms of the license agreement.

Next

12. Customer Information

Next
13. Search Ethernet Printers

Search for Ethernet printers in the network. You can select one of the available printers to install drivers for.

- Printer IP Version
- IP Address (IPv4 or IPv6)
- Refresh
- Next

14. Location and Comment

Enter the location and comments regarding the printer.

Next
15. Choose Destination Location

- Next

16. Ready to Install the Program

Install
17. Setup Status

18. InstallShield Wizard Complete

19.
Windows

•

•

•

•

•

•

Microsoft ZMotif SDK
3:  3

1. Card Setup > Devices and Printers Zebra ZXP Series 7 Card Printer > Zebra ZXP Series 7 Printing Preferences > Card Setup

2. 

3. Test Print

4. 

5. 
1. Card Setup > Devices and Printers > Zebra ZXP Series 7 Card Printer > Zebra ZXP Series 7 Printing Preferences > Card Setup

2. Manual feed slot

3. Apply

4. OK
5. [Instructions or guidance]

6. [Instructions or guidance]
   - [Step 1]
   - [Step 2]
   - [Step 3]
   - [Step 4]

7. [Instructions or guidance]

8. [Instructions or guidance]
3: OCP

(OCP)

OCP

Ready

- MENU Main Menu
- INFO Printer Settings

OCP
<table>
<thead>
<tr>
<th>State</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALARM</td>
<td></td>
</tr>
<tr>
<td>CANCELING</td>
<td>Canceling message</td>
</tr>
<tr>
<td>CONFIGURATION DATA</td>
<td></td>
</tr>
<tr>
<td>CONTACT OPERATION</td>
<td></td>
</tr>
<tr>
<td>CONTACTLESS OPERATION</td>
<td></td>
</tr>
<tr>
<td>COOLING</td>
<td></td>
</tr>
<tr>
<td>PRINTHEAD TEMPERATURE</td>
<td></td>
</tr>
<tr>
<td>COOLING</td>
<td></td>
</tr>
<tr>
<td>WAITING TO LAMINATE</td>
<td></td>
</tr>
<tr>
<td>DIAGNOSTIC</td>
<td></td>
</tr>
<tr>
<td>JOB DATA</td>
<td></td>
</tr>
<tr>
<td>LAMINATING</td>
<td></td>
</tr>
<tr>
<td>MAG OPERATION</td>
<td></td>
</tr>
<tr>
<td>MANUALLY INSERT CARD</td>
<td></td>
</tr>
<tr>
<td>OFFLINE</td>
<td>OCP Advanced Settings</td>
</tr>
<tr>
<td>PAUSING</td>
<td></td>
</tr>
<tr>
<td>PRINTING</td>
<td></td>
</tr>
<tr>
<td>READY</td>
<td></td>
</tr>
<tr>
<td>STANDBY</td>
<td></td>
</tr>
<tr>
<td>WARMING</td>
<td></td>
</tr>
<tr>
<td>WARMING</td>
<td></td>
</tr>
<tr>
<td>PRINTHEAD TEMPERATURE</td>
<td></td>
</tr>
<tr>
<td>WARNING</td>
<td></td>
</tr>
</tbody>
</table>
### Table of Low Locations

<table>
<thead>
<tr>
<th>Location</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOTH LAMINATES LOW</td>
<td>18</td>
</tr>
<tr>
<td>BOTTOM LAMINATE LOW</td>
<td>18</td>
</tr>
<tr>
<td>CLEAN FEEDER</td>
<td>130</td>
</tr>
<tr>
<td>CLEAN CARD PATH</td>
<td>130</td>
</tr>
<tr>
<td>CLEAN LAM CARD PATH</td>
<td>134</td>
</tr>
<tr>
<td>CLEAN LAM ROLLERS</td>
<td>134</td>
</tr>
<tr>
<td>CLEAN LAM OVEN</td>
<td>138</td>
</tr>
<tr>
<td>RIBBON LOW</td>
<td>15</td>
</tr>
<tr>
<td>TOP LAMINATE LOW</td>
<td>18</td>
</tr>
</tbody>
</table>

**RIBBON LOW**

- Code: 15

**Top Laminate Low**

- Code: 18

---

3: [ ]

Zebra ZXP Series 7

---

P1036101-062 Zebra ZXP Series 7  © 2011  Zebra Technologies, Inc. All Rights Reserved.
Main Menu

- UP
- DOWN
- SELECT

Print Test Cards Menu
Network Settings Menu
Advanced Settings Menu
Encoder Settings Menu
Wireless Settings Menu
Print Test Cards Menu

- UP
- DOWN
- SELECT

- RETURN
- COUNT
- SIDES
- GRADIENT BOXES
- DENSITY SETUP
- MONOCHROME ONLY

Print Test Cards Menu

RETURN
COUNT
SIDES
GRADIENT BOXES
DENSITY SETUP
MONOCHROME ONLY

PRINT TEST CARDS MENU (OCP)

(1, 5, 10, ..., 100)

150 (OCP)

MONOCHROME ONLY

UP
DOWN
SELECT
Network Settings Menu

- UP
- DOWN
- SELECT
Advanced Settings Menu

- UP
- DOWN
- SELECT
Encoder Settings Menu

- **UP**
- **DOWN**
- **SELECT**
Wireless Settings Menu

Main Menu

- RETURN WITHOUT SAVE
- SAVE SETTINGS
- RADIO CONTROL
- SETUP WIZARD
- DHCP MODE
- SET IP ADDRESS
- SET SUBNET MASK
- SET DEFAULT GATEWAY
- SET DEFAULTS

UP
DOWN
SELECT

- UP
- DOWN
- SELECT
Clean Printer Menu

- RETURN
- CLEAN CARD PATH
- CLEAN FEEDER
- CLEAN LAM CARD PATH *
- CLEAN LAM ROLLERS *
- CLEAN LAM OVEN *

UP • • • • • • • • • • • • • • DOWN • • • • • • • • • • • • • • SELECT • • • • • • • • • • • • • •
Windows

66
75
Windows 7

Start > Devices and Printers > Zebra ZXP Card Printer > Zebra ZXP Printer properties

OK Cancel Apply Help
General

- Location
- Comment
- Model
  - Features

Preferences

Print Test Page
  Windows
4: Sharing

Sharing

Windows Vista

Render print jobs on client computers

Change Sharing Options

Windows
Enable bi-directional support

- Enable printer pooling
- Ports

Windows
Windows
Windows հատոր երկրորդ հատոր

Color Management
The server 10.1.23.159 at WiFi_Conn.htm requires a username and password.

Warning: This server is requesting that your username and password be sent in an insecure manner (basic authentication without a secure connection).

User name
Password

Remember my credentials

OK Cancel
Device Information

- **Media Info**  “Zebra ZXP 7”
- **ZXP Toolbox**  “Zebra ZXP 7”

Windows
Media Info

<table>
<thead>
<tr>
<th></th>
<th>Type</th>
<th>Images remaining</th>
<th>E</th>
<th>F</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Ribbon</strong></td>
<td>YM00 OK</td>
<td>230 of 312</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Top laminate</strong></td>
<td>1 mil full</td>
<td>250 of 625</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Bottom laminate</strong></td>
<td>1 mil full</td>
<td>250 of 625</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Ribbon
- Top Laminate
- Bottom Laminate
Windows 7
Start > Devices and Printers > Zebra
ZXP Card Printer > Printing preferences

Zebra ZXP Series 7 USB Card Printer Printing Preferences

ZXP Toolbox

ZXP

Restore Defaults

OK
Cancel
Apply
Help
Card Setup

- **Card options**
  - Card Source
  - Card Destination

- **Card source**
  - Manual feed slot
  - Feeder cartridge
  - Already in printer
  - Auto feed

- **Card Destination**
  - Output hopper
  - Reject tray
  - Leave in printer
• Card options
  - Image size
    • Default Size (1006 * 640 pixels) <1006 * 640 pixels>
    • Zebra P640i <578 x 952 pixels>
    - Compatibility 1 (578 x 952 pixels) <578 x 952 pixels>
    - Compatibility 2 (610 x 968 pixels) <610 x 968 pixels>
    - Compatibility 3 (600 x 952 pixels) <600 x 952 pixels>

• Printing options
  - Orientation
    - Portrait
    - Landscape

  - Print on both sides
  - Rotate 180°
  - Copies
    - Print the front image on the back side
      Yes
      No

  Test Print
• Ribbon info and options
  - Ribbon type YMCKO
  - YMCKOK
  - Ribbon combination YMCKO /YMCKO
  - Front Back
    • 79
    • 82
    • 83

• Laminator info and options
  - Lamination mode Any
  - Top
  - Bottom
  - Top and Bottom
  - Pass through

Laminate only

Lamination mode Any

Any
Black Panel Options

Card Setup

Ribbon Combination

Front K Extraction... / Back K Extraction...
Select black panel extraction type

- Disable black extraction

- Print YMC composite and K black

- Print all black data

Apply black extraction on

- Black text

- Black graphics

- Color bitmaps

Black extraction from color images

- Black level
• Black extraction from color image
  - Area manager
  - Defined areas
  - Except defined areas
  - Full card
• Orientation
  - Portrait
  - Landscape
• Units
  - inches
  - mm
  - X dimension
  - X offset
  - Y dimension
  - Y offset
Select the overlay varnish type — Full overlay varnish

- Disable overlay
- Full overlay varnish
- Selected area blank
- Selected area overlay varnish
- Bitmap based overlay varnish
- Smartcard ISO
- Smartcard AFNOR
- Magnetic Stripe

Bitmap based overlay varnish Browse
UV rendering method

- Diffusion
- Halftone
- Grayscale

UV printing options

- Rotate 180°
- Invert UV content
Source of UV content

- Use unique image for each job
- YMCK

![Image of UV content settings interface]

- Bitmap based static image
  1. Bitmap based static image
  2. Browse
  3. Windows "\" " "\" " .bmp 24- 1-
  4. UV rendering method
  5. UV printing options
  6. OK
  7. .bmp
- Extract UV from job image

Defined areas / Except defined areas / Full card

Defined areas / Except defined areas / Full card

Area manager

Orientation

Units

- Area manager

Defined areas / Except defined areas / Full card

Orientation

Units

- Area manager

Defined areas / Except defined areas / Full card

Orientation

Units

- Area manager

Defined areas / Except defined areas / Full card

Orientation

Units

- Area manager

Defined areas / Except defined areas / Full card

Orientation

Units

- Area manager

Defined areas / Except defined areas / Full card

Orientation

Units

- Area manager

Defined areas / Except defined areas / Full card

Orientation

Units
**Static Text Options**

1. **Static Text Options**

2. **Static Text Options**

3. **Text location**

4. **Text category**

5. **OK**
### Encoding

- **Magnetic encoding**
  - Disable magnetic encoding
  - Encode only
  - Magnetic encoder verification ON
  - Coercivity
    - High
    - Low
  - Magnetic encoding type
    - ISO
    - AAMVA
    - CUSTOM
    - BINARY
    - ZXP
  - Use Hex format to encode tracks

---

![Zebra ZXP Series 7 USB Card Printing Preferences](image-url)
Black Panel (K) Optimization

- Text
- Barcodes
- Mixed

Advanced

Monochrome Red Optimization
Advanced Black Panel (K) Optimization

- Monochrome conversions
  - Dither error diffusion
  - Dither 6x6 halftoning
  - Threshold
  - Dither pure black on white
  - Threshold
  - Preheat
  - Intensity

  - Threshold
  - Brightness
  - Contrast
- **Monochrome conversions**
  - **Preheat**
    - Range: -50 to +50
    - Default: 0

```
```

```
```

- **Intensity**
  - Range: -10 to +10
  - Default: 0

```
```

```
```
Error diffusion/halftoning

- Dither error diffusion

- Dither 6x6 halftoning

- Threshold
• Full color printing

- Brightness -25 0 +25
- Contrast -25 0 +25
- Sharpening filter None Low Normal High
- Preheat -50 0 50

Monochrome KrO
- Yellow [ ] Magenta [ ] Cyan [ ]

Maintain YMC ratio

Intensity (No effect on preview)

Advanced [ ]

“ ” (YMC) “ ”
**Advanced Color (YMC) Optimization**

- Gamma (mid-range darkness) -25 to +25
- Saturation (vividness)
- Red, Green, Blue -25 to +25

*Note: Adjustments can be made to Gamma, Saturation, and individual color channels (Red, Green, Blue) to optimize color output.*
About Zebra ZXP Series 7 Card Printer Zebra ZXP Series 7 Card Printer

Zebra ZXP Series 7 Card Printer Driver

Version D27G-004.00


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ZXP 7

ZXP 7

99

104

112

115

120

124

127
Start > Devices and Printers > Zebra ZXP Series 7 Card Printer > Zebra ZXP Series 7 > Properties > Device Information > ZXP Toolbox > ZXP Zebra ZXP Series 7 Card Printer

Start > All Programs > Zebra ZXP Series 7 Card Printer > Zebra ZXP Series 7 Toolbox > ZXP Toolbox > ZXP Zebra ZXP Series 7 Card Printer
• **Firmware**
  - MAB
  - MAB

• **Other**
  - Magnetic encoding
  - Contact smartcard
  - Contactless smartcard
  - Laminator type
  - Barcode reader

• **Options**
  - Magnetic encoding
  - Contact smartcard
  - Contactless smartcard
  - Laminator type
  - Barcode reader

• **Network Configuration**
  - IPv4 address
  - Gateway
  - Subnet mask
  - MAC address
  - IPv6 address

• **OCP**
  - LCD contrast

• **Odometer**
  - Cards printed
  - Printhead lines printed

- **Printer Status**
  - Ready
  - Offline
- **Sensor States**

- **Sensor Values**

- **Ribbon Take-up Motor**
- **Ribbon Details**
  - Type [Type]
  - Initial size [512 images]
  - Images remaining [250 images (60%)]

- **Top Laminate Details**
  - Type [Type]
  - Initial size [250 images (60%)]
  - Images remaining [Images remaining]
  - Patches remaining [Patches remaining]

- **Bottom Laminate Details**
  - Type [Type]
  - Initial size [Images remaining]
  - Images remaining [250 images (60%)]
  - Patches remaining [Patches remaining]
5: ZXP Series 7

- **Status**
- **Sensors**
- **Odometer**

- **Warnings**
- **Faults**
- **Line Voltage**

- **Total up time**
- **Top bulb on time**
- **Bottom bulb on time**
- **Cards processed**
- **Cards laminated**
Wireless Reference Manual P1035089-003

- Save XML
5: ZXP Series 7

- Enable Logging
- Log File Definition

Advanced Security > Security Roles

"ZXP Log file definition"

- Create new log file each day
- Create new log file each day

Filename <ZXPLog_2013_12_12>

Delete log files

| Zebra ZXP Series 7 | P1036101-062 | 104 |
Log File Contents

Log File Definition

- **Log File Contents**: HH:MM:SSYY:MM:DD 13:00:00 05:00:00 24:00
- **Date**: YY:MM:DD
- **Printer serial number**: 16:00:00
- **Static text**: 16:00:00
- **IP address**: PC IP
- **Magnetic Track 1**: 10:00:00
- **Application will send data with”~L=xxx” TextOut**: “~L=xxx”
- **Spooler job number**: Windows
- **User name**: 10:00:00
- **ZML Job ID**: ZML

Save Job Log Settings

Save Printer Log Files

- GetLogCleanHistory.xml
- GetLogErrors.xml
- GetLogEventHistory.xml
- GetLogServiceHistory.xml
5: ZXP Series 7

Saved/Restored Settings

- Save XML Driver Settings / Printer Settings
  - P_<ollection>
  - D_<ollection>

- Restore Driver Settings / Printer Settings Start Toolbox
  - Driver Settings Toolbox
Firmware and Lookup Tables

- Select Firmware to Download

Zebra ZXP Series 7

1. Browse
2. "Open"
3. ZXP OK Cancel
5: ZXP Series 7

- Check Firmware Updates
  1. Check Updates
  2. File Name
  3. Download Completed
  4. ZXP

- Lookup Tables
  1. Custom LUT
  2. Download Selected LUT
  3. "File"
  4. Open
  5. LUT Installed Successfully

- Save Installed LUT To Host
  1. Save Installed LUT To Host
  2. "File"
  3. Save

- Default LUT
  1. Default LUT
  2. Download Selected LUT
  3. LUT Installed Successfully
Printer Settings - OCP, Language, LCD contrast

Print Adjustment - Print Head

Advanced Security - Security Roles

- OCP
- Language
- LCD contrast

- Network Configuration - DHCP, SNMP, IPv4, MAC

- Print Adjustment - Print Head
• **Print Performance Setting**

  - **Performance options**

    - **No error recovery (None)**
    - **Standard error recovery (Medium)**
    - **Full error recovery (High)**

• **Print Adjustment**

  **Print X offset**
  **Print Y offset**

  **Image Fill**

• **Print Head**

  - **Serial Number**
  - **Resistance**

Save Settings

Advanced Setting
Wireless Settings > Advanced Security > Security Roles

Wireless Configuration

- SSID
- BSSID
- Wireless Access Points

- Security Roles

- Encryption
- Authentication
- Key Management
Clean Printer

- Card Path
  - 5000
  - 131

- Feeder Path
  - 5000
  - 132

Restore Defaults
Save

Advanced Clean

Zebra
Advanced Cleaning

- Configure Printhead Polishing
- Polish Printhead

1. Configure Printhead Polishing
2. Polish Printhead
3. Printhead cleaning has been completed successfully
4. Restore Defaults
5. Pre-warning

Printhead cleaning has been completed successfully.
Clean Laminator

- Laminator Card Path
  - 5000 cards
  - Clean
- Laminator Roller
  - 5000 cards
  - Clean
- Laminator Oven
  - 20000 cards
  - Clean

Restore Defaults

Save
Advanced Black Panel Options

Overlay Varnish Options

Uv Panel Screen
Profile Handling

1. Brightness: Brightness adjustment
2. Save profile: Save color profile
3. Save: Save changes to profile

Preview

1. Preview profile: Preview the selected profile
2. Preview: Preview the selected profile

Advanced: Advanced settings for color control

(YMC) 

92 (YMC) 

94 (YMC)
Advanced

89 Advanced (K)
5: ZXP

1. Test Card Library
   a. Set As Front
   b. Preview
   c. Print Sample Card

2. Set As Back
   Preview
   Set As Front

3. Preview
   Print Sample Card
Test Card Library

1. Add
2. Open
3. Open “Sample Card”

Print Sample Card
Print Configuration Test Card
Reprint Last Card
5. ZXP Series 7

Advanced Security > Security Roles

Magnetic Encoding

1. Disable magnetic encoding
   - Magnetic encoder verification ON

2. ISO AAMVA CUSTOM BINARY JIS-II Track 1 Track 2 Track 3
   - Custom

3. Coercivity
   - High Low

Coercivity
- Encode/Read Data

Hex

- Track 1 [ ] / [ ] 1 / [ ] Track 2 [ ] / [ ] 2 / [ ] / [ ]
Track 3 [ ] / [ ] 3 / [ ] Read [ ] / [ ] [ ] / [ ] [ ]

- Track 1 [ ] / [ ] 1 / [ ] Track 2 [ ] / [ ] 2 / [ ] / [ ]
Track 3 [ ] / [ ] 3 / [ ] [ ] / [ ] [ ] / [ ] [ ] Encode [ ] / [ ] [ ]

Restore Defaults [ ] / [ ] / [ ] [ ] [ ] “[ ]” [ ] [ ]

Save [ ] / [ ] / [ ] [ ] [ ] “[ ]” [ ] [ ]
5: ZXP

Smart Card

- Card Readers
- Card Option
- Contact
- Contactless

- Card Types
- Feed Card
• Card Types

- Input Data

- Write

- PIN

- Write Raw Data

Get ATR

Eject Card

- Messages
5: ZXP Series 7

Advanced Security

- Toolbox Password

1. New password

- Confirm password

- Apply
• **Toolbox Password**

  - 
  1. **Old password**
  2. **New password**
  3. **Confirm password**

• **Last Print Job Options**

  - **Erase job data after transmission**
  - **Enable PRINT soft key in OCP**

• **Error Messages**

• **Passkey**

  Enable Passkey
  Host Authentication
  Data Encryption
  Printer Lock Key

  ZXP Series 7 Service Manual P1036102-005
5: ZXP ZPB4

Important

Advanced Security • Guest • HelpAssistant • Local User • localfix

- Security Roles

1. Security Roles

2. Security Roles

3. Save
5. ZXP Series 7

- PRN

- Print

- PRN

1. Print

- PRN

2. PRN

3. Open

4. PRN

5. Print

- PRN
6.1 Properties

Zebra ZXP Series 7 www.zebra.com/supplies
1. MENU OCP
2. Advanced Settings Menu
3. Clean Printer Menu
1. Clean Printer Menu  CLEAN CARD PATH  
2. OCP  
3. Next  
4. Next  
5. Clean  
6.  
7. Clean  
8.  
9. Next  
10. OCP  Clean Printer Menu
6:  ૲

1. Clean Printer Menu  ૲ CLEAN FEEDER ૲
2. ૲ OCP ૲
3. ૲ Next ૲
4. ૲ Clean ૲
5. ૲ Next ૲

6. ૲
7. ૲ Clean ૲
8. ૲
9. OCP ૲ Clean Printer Menu ૲
10. ૲
1. ZXP Toolbox ZXP Zebra
2. OCP MENU Advanced Settings
3. Main Menu OCP Advanced Settings Menu
4. Advanced Settings Clean Printer Clean Printer Menu POLISH PRINTHEAD
5. Next
6. Next
7. Next Clean
8.
9. Next Advanced Settings
10.
1. • ZXP Series 7 • www.zebra.com/supplies

2. • ZXP Series 7 • www.zebra.com/supplies

3. • ZXP Series 7 • www.zebra.com/supplies

4. • ZXP Series 7 • www.zebra.com/supplies

5. • ZXP Series 7 • www.zebra.com/supplies

6. • ZXP Series 7 • www.zebra.com/supplies
1. Clean Printer Menu
CLEAN LAM CARD PATH
OCP

2. 60°C

3. 

4. Next

5. Clean

6. 

7. 

8. OCP

9. 136

10. 

11. 

www.zebra.com/supplies
1. Clean Printer Menu

2. 

3. 

4. 

5. Next

6. Top
7.  
8.  
9.  
10.  Bottom
11.  
12.  Exit
13.  OCP  Clean Printer Menu
14.  

6: 

- Clean Printer Menu
- CLEAN LAM OVEN
- OCP

- 60°C

- OCP

- OCP

- OCP
6. Next
7. 
8. 
9. 
10. 
11. 8 9 10
6:  

12.  Next 
13. OCP  Clean Printer Menu 
14. 
   a. 
   b. 
   c. 

15. 

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http://www.zebra.com/supplies
<table>
<thead>
<tr>
<th>#</th>
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*Details are placeholders for actual images and descriptions.*
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<td>Zebra ZXP Series 7 User Manual, page 146</td>
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<td>OPTIONS CARD JAM</td>
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| 17013 | LAMINATOR TOP HEATER FAIL                      |             | a. Zebra INIT }
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<td>b. boilersystemSensorTempHigh</td>
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<td>17026</td>
<td>TOP AND BOTTOM LAMINATES OUT</td>
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## OCP

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• 10Base

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• 100Base
• 300 dpi / 11.8 /
• 1006 * 640
• USB 2.0 / 10/100
• Microsoft Windows
• 200 / 30
• 20 / 30
• 90 / 30
• ix Series™
• 21 x 6 LCD
• Kensington®
- Zebra ZXP Series 7

- AAMVA, ISO 7811, ISO 14443 A 

- ISO 7816

- MIFARE® ISO 14443 A & B (13.56 MHz) EMV 1 

- ISO 7816

- PC/SC

- MIFARE® ISO 14443 A & B (13.56 MHz) EMV 1

- CODE
d

- W i n d o w s  8

- Windows 7

- Windows Vista

- Windows Server 2008

- Windows Server 2012

- Windows Server 2003

- Windows XP

- ZMoto™ SDK

- Microsoft Windows Toolbox

- Zebra Virtual PrintWare™

- Windows

- YMCKO YMCKO

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<td>YMCKO</td>
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- USB

- K

- USB
• Zebra ZXP Series 7
• CR-80
- ± .05

- ± .05

- ± .05

- ± .05

- ± .05

- ± .05

1.6 ± .80

82.5 ± .5

1.6 ± .80

1.6 ± .80

1.6 ± .80

1.6 ± .80
Zebra ZXP Series 7

- Zebra RFID ix Series™
- Zebra True Secure™ ix Series™
- True Colours™ ix Series™
- True Secure™ ix Series™

- CR-80
- ISO 7810
- ID-1

- PVC
- PET
- PET-G
- PET-F
- Teslin®

- 0.25 – 1.27
- 0.76
- CR-80
- ISO 7810
- ID-1

- PVC
- PET
- PET-G
- PET-F
- Teslin®

- 0.25 – 1.27
- 0.76

- PVC
- PET
- PET-G
- PET-F
- Teslin®

- PVC
- PET
- PET-G
- PET-F
- Teslin®

- PVC
- PET
- PET-G
- PET-F
- Teslin®
- **USB 2.0**
- **USB**
- **10/100 BaseT**

- **90-264 V 47–63 Hz 50-60 Hz**
- **FCC A**
- **-**
  - **100**
  - **/**
  - **450**
  - **120**
  - **250**
  - **20**

- **306**
  - **12.0**
  - **699**
  - **27.5**
  - **964**
  - **38.0**
  - **277**
  - **10.9**
  - **12.2**
  - **26.9**
  - **17.9**
  - **39.5**
8: 6 6 6

- 15°C (59°F) to 35°C (95°F)
- -5°C (23°F) to 70°C (158°F)
- 20% to 80%
- 10% to 90%
- 60°C (140°F) to 200°C (392°F) 200% to 40°C (104°F) 90% to 100%
1. Start Devices and Printers
2. Devices and Printers
3. Add a printer
4. What type of printer do you want to install
5. Add a local printer
Next
6. Choose a printer port

7. Create a new port

8. Zebra ZXP Series 7 Card

9. Next

10. Port Name

11. Enter Printer IP Address

12. OK
13. Install the printer driver

14. Manufacturer: Zebra ZXP Series 7 Printers

15. Next

16. Which version of the driver do you want to use?

17. Use the driver that is currently installed

18. Next
19. Type a printer name

![Type a printer name window]

This printer will be installed with the Zebra ZXP Series 7 Network Card Printer driver.

20. Next

Add Printer Wizard

21. You’ve successfully added...

Add Printer Wizard

22. Set as the default printer

Add Printer Wizard

23. Set as the default printer

Add Printer Wizard

24. Finish

Add Printer Wizard
Windows

1. 
   - 
   - 
   - 

2. 

3. 

4. 

5. 

Apply OK
1. Web

2. IP

3. Printer Information

4. Printer Information

5. Windows Security

   User name: "admin"  
   Password: "1234"  
   OK
Zebra ZXP Series 7

WiFi

- RF 2.4 GHz
C: WiFi

IEEE 802.11b/g 802.11b  802.11g

- 802.11b 11 Mbps
- 802.11g 54 Mbps

- 802.11g 6-54 Mbps

- (WEP)
- (WPA/WPA2)

- RC4 WEP
- TKIP WPA
- CCMP AES WPA2

ZXP Series 7 — (PSK)

USB “Web" “Web”

"Web" "Web"
Web

- Web 
- ZXP Series 7
- OCP
- ZXP Wireless Reference Manual P1035089-003

- DHCP
- 
- SSID
- 
- 
- ZXP Series 7
1. Wired IP Address
2. WiFi INFO Wired IP Address IP
3. Web
4. Wired IP Address IP
5. Web
6. Wireless Parameters
7.  Windows Security  Windows  User name  "admin"  "1234"  

8.  Choose WiFi Connection

9.  Scan for Wireless Networks
10. Choose WiFi Connection

11. Connect to Selected Wireless Network

Scan for Wireless Networks

Update Scan for Wireless Networks
12. Load Access Point Attributes

13. Input Accepted

14. Web
1. Start > Devices and Printers > Zebra ZXP Card Printer > Printing Preferences > Card Setup
2. Test Print
1. Encoding

2. Magnetic encoding
   - Magnetic encoder verification
   - Coercivity: High, Low
   - Magnetic encoding type: ISO, AAMVA, CUSTOM, BINARY

3. Apply, OK
Print front image on back side: [ ] [ ] [ ] [ ] [ ] [ ]

Yes [ ] [ ] [ ] [ ] [ ]
ISO 7810 7811
ZXP Toolbox ZXP Devices and Printers Zebra ZXP Series 7 Card Printer Zebra ZXP Series 7 Properties Device Information > ZXP ToolBox

1. Toolbox Technology > Magnetic Encoding

2. Coercivity High Low

3. Track 1 / Track 2 / Track 3 Encode

4. Track 1 / Track 2 / Track 3 Read

5. Track 1 / Track 2 / Track 3

6. Track 1 / Track 2 / Track 3

7. Track 1 / Track 2 / Track 3

8. Track 1 / Track 2 / Track 3

9. Track 1 / Track 2 / Track 3

10. Track 1 / Track 2 / Track 3
Zebra ZXP Series 7

ISO 7811

ISO 7811

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HiCo

LoCo

HiCo

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CR-80
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**ISO**

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**CR-80**

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ZXP Series 7

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   C02<Track2 Data>
   C03<Track3 Data>

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   ${3<Track3 data>}$

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   $\sim 2$=<Track2 data>
   $\sim 3$=<Track3 data>
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<td>C3</td>
<td>8</td>
<td>C8 (RFU)</td>
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<td>9</td>
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<td>5</td>
<td>C5 (RFU)</td>
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ZXP Series 7 Zebra ZXP Series 7 ZMotif SDK Zebra ZXP Series 7 / OCP 61 Encoder Settings Menu USB

USB Encoder Settings Menu USB

• SLE5542 SLE5528

• MIFARE® Ultralight MIFARE® Classic 1K MIFARE® Classic 4K MIFARE® DESFire® 4K UHF
SDK

ZMotif SDK

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SDK C# VB.Net

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•

•

•

ZMotif SDK

ZMotif SDK Software Developers Reference Manual P1004475-002
警告

- 并非所有区域都将进行打印。

![卡片示意图]

- 打印方向，请参考下图。

![卡片示意图]

- 10 mm 光学位置区域
- 6.4 mm 用于校准区域
- 34 mm 用于打印区域
SDK

SDK Zebra ZXP Series 7 Developers Reference Manual P1004475-002 ZMotif SDK Software

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