

This application note explain how to use QR Code generator for generating QR Code.

# APPLICATION NOTE

After downloading unzip, the "QR Code generator XPR.zip" file and run "XPR QR Code generator.exe".

Name	Date modified	Type	Size
QR	27-Oct-25 11:53	File folder	
QRCode.dll	04-Jul-24 10:59	Application exten...	161 KB
QRLogo.png	18-Oct-25 04:55	PNG File	6 KB
XPR QR Code generator.exe	18-Oct-25 05:34	Application	247 KB
XPR QR Code generator.exe.config	18-Oct-25 05:31	XML Configuratio...	2 KB

Open the QR Code Generator and select the security level:

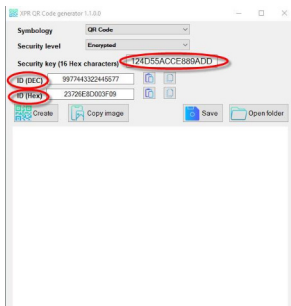
- **Encrypted**
- **Plain text**

### Encrypted level

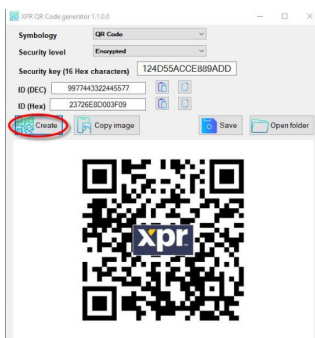
If encrypted security level is used then Security key (16 Hexadecimal characters) must be entered. The same Security key also must be entered when reader with QR Code Sensor is configured. Security key can contain combination of 16 HEX characters (1234567890ABCDEF).

1. Open QR Code Generator.

- Enter the Security key.
- Enter the ID number you need in the field "ID (DEC)" in decimal format or in the field "ID (Hex)" in hexadecimal format.
- ID in decimal format must be lower than 184467440737095551615 (20 digits).
- ID in hexadecimal format must be lower than FFFFFFFFFFFFFFFF (16 digits).

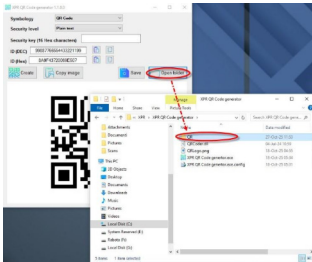


2. Click on "Create" tab to create the QR code image.



## QR Code generator Guide

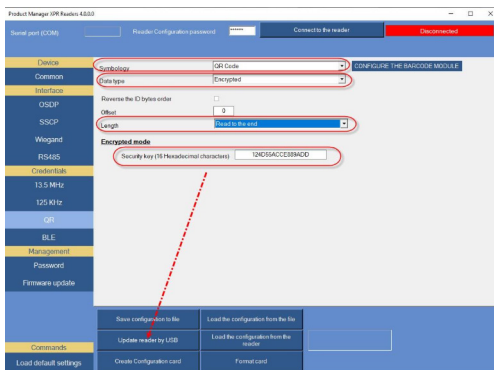
3. Click on "Save" tab to save the image. Image will be saved under folder "QR" as the application.
4. Open the "QR" folder. The image file name will contain encryption mode, ID in decimal and ID in hex format.



Repeat steps 2 – 4 for next QR ID.

### **Important!!**

Below is the screenshot from Product Manager XPR Readers with section where exactly Security key must be entered when reader with QR Code sensor is configured.

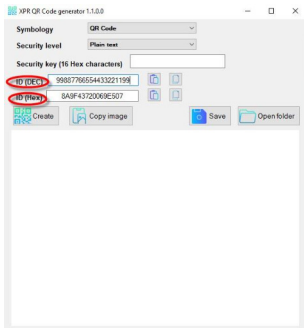


### **Plain text**

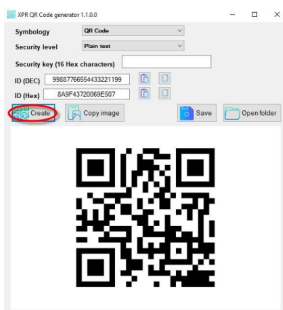
If plain text is used then the security key does not need to be entered.

1. Open QR Code Generator.
  - Enter the Security key.
  - Enter the ID number you need in the field "ID (DEC)" in decimal format or in the field "ID (Hex)" in hexadecimal format.
  - ID in decimal format must be lower than 184467440737095551615 (20 digits).
  - ID in hexadecimal format must be lower than FFFFFFFFFFFFFFFFFF (16 digits).

# QR Code generator Guide

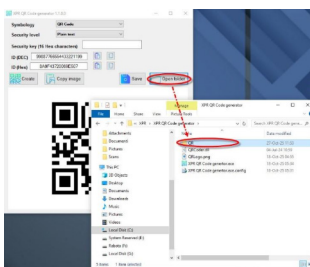


2. Click on “Create” tab to create the QR code image.



3. Click on “Save” tab to save the image. Image will be saved under folder “QR” as the application.

4. Open the “QR” folder. The image file name will contain encryption mode, ID in decimal and ID in hex format.



Repeat steps 2 – 4 for next QR ID.

## Important!!

Below is the screenshot from Product Manager XPR Readers with section when reader with QR Code sensor is configured for Plain text.

