

ZKTECO QRM10L QR Code Collector User Manual

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QRM10/QRM10L/QRM10X
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Preface

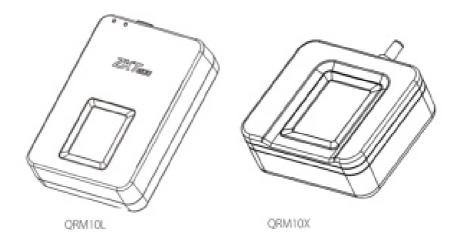
Thank you for choosing our product QRM10 series QR code collector. Please read this User Manual carefully before use.

We strongly believe that the QR code collector will provide you and your customers with an outstanding user experience and will elevate your brand image and management to a higher level.

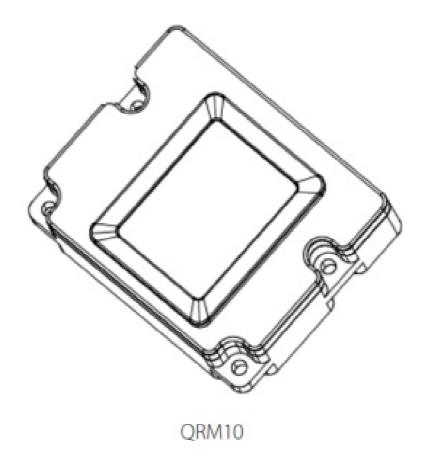
Please do not optionally dismantle the product or modify the system settings without professional instructions, as this could compromise the product's quality and service life. Please contact the local dealers if you have any questions.

Introduction

QRM10L, QRM10X QR code collector is a highly integrated, high-performance QR code collector that includes the QR code scanning engine algorithm and driver. The product has a delicate appearance and is equipped with a high-speed processor, making it suitable for all types of users. The collector supports Windows, Android, and Linux operating systems.



The QRM10 module is a compact optical module. It not only has all the functions of the collector, but it can also integrate applications with various products in a flexible manner without the use of any accessories.



Features

- It is the most recent and precise QR code Identification Technology.
- It is compatible with Windows, Android, and Linux operating systems.

Technical Specifications

Features	Specifications	
Scanner Type	QRM1OL and QRM1OX	
Material	Optical	
Dimensions (L *W* H)	QRM1 OL: 75.5 * 53.2 * 19 mm	
	QRM1OX: 49 *44* 20.1 mm	
Operating System	Windows, Linux, and Android	
Scanning Angle	Roll: 360°, Pitch: ±40°, Yaw: ±60°	
FOV	Horizontal: 66°, Vertical: 50°	
Image Size	648 * 488 pixels	
Illumination Intensity	0 to 10000 Lux	
One-dimensional Code Types	UPC-A, UPC-E, UPC-E1, EAN-8, EAN-13, EAN-14, EAN-128, UCC1 28, ISBN/ISSN, CODE11, CODE32, CODE39, CODE39 Full ASCII, CODE93, CODE128, interleaved 2 of 5, industrial 2 of 5, Matrix 2 of 5, China post code, UK/Plessey, and GS1	
Types of QR Code	QR code, PDF417, Data Matrix, MicroPDF417, and Aztec	
Operating Temperature	-10°C to +50°C	
Operating Humidity	5% to 93% RH (Non-condensing)	
Operating Voltage	5.0V±0.25V (USB)	

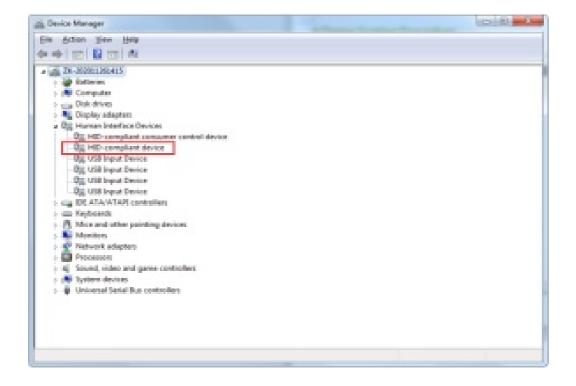
Operating Current (Working Mode)	240mA
Operating Current (Idle Mode)	50mA
Anti-static Voltage	?-'8kV
Communication Interface	USB keyboard, USB HID

Scanning

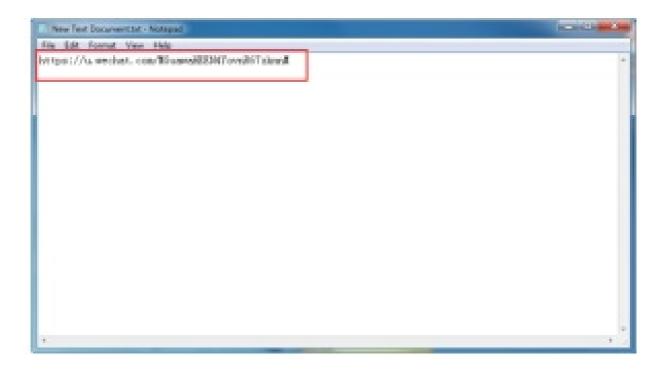
Depth of Field				
Code Type	Barcode Size	Content Byte Size	Scanning Distance	
Code128	6mil	6 bytes	5 to 6cm	
Code128	12.5mil	15 bytes	10 to 15cm	
Qrcode	40mil	28 bytes	5 to 25cm	

Driver Installation

Insert the USB and open the device manager. The device will be displayed as shown in the figure.



It is not necessary to install the driver or use the SDK. After inserting the USB successfully, open the Notepad and scan the code directly. The public content will be displayed as the text of the successful scan, indicating that the device verification was successful.



Suggestions

- 1. Please keep the sensor away from dust.
- 2. Please use adhesive tape to clean the collecting area.



Do not use water or other detergents, which may damage the sensor.

- 3. Please wipe the sensor with a wool-free cloth.
- 4. Please make sure the sensor is clean after each use.

Notes

- The product operating environment is indoors, and it is not recommended to install the product under direct sunlight.
- Please do not dismantle the product without proper guidance.
- The company cannot guarantee any violations that interrupt the product activity.

Statements concerning Human Rights Privacy

Dear Customers,

First and foremost, thank you for utilizing ZK Teco's hybrid biometrics products. We continue to research and develop hybrid biometrics products as a world-renowned biometrics core technology provider. We also pay close attention to the global compliance of relevant human rights and privacy laws.

Statements as follows:

- 1. ZKTeco does not save any personal data.
- 2. ZKTeco, as the equipment provider, shall bear no legal liability for any improper use.
- 3. If you have any concerns about the use of equipment in terms of human rights or privacy, please resolve them internally.

Other QR code devices or development tools from ZKTeco can collect the original image of a QR code. If users believe it is an infringement, they should contact the Government or the equipment's end provider. ZK Teco, as the original manufacturer of the equipment, will bear no legal liability.

Users can refer to ZKTeco's official website to obtain relevant product information: http://www.zkteco.com.

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www.zkteco.com



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