

# — QR50 Series —

## Static & Dynamic QR code Reader



The QR code Reader is a new generation of intelligent access control card readers. The product has a high scanning speed, high recognition rate, strong compatibility. It can be connected to any access controller that supports Wiegand input. The reader adapts to various application scenarios and identifies almost all kinds of RFID cards and QR codes, so the series could be used for community management, visitor management, hotel management, unmanned supermarkets and other fields.

## Features

- New QR code access control technology.
- Supports output modes of Wiegand 26/34/66, RS485, and USB (for firmware update only).
- Supports 125kHz ID Cards or 13.56MHz IC Cards, which includes Ultralight, Mifare (S50/S70), CPU, NFC (analog Card), Desfire EV1, NTag.
- Reading Distance: Code  $\geq 5\text{cm}$ ; RFID Card  $\geq 4\text{cm}$

\* The actual reading distance depends on the environment and the card used. The above data is for reference only.

## Specifications

Model	QR50BE	QR50WE	QR50BM	QR50WM
Color	Black	White	Black	White
Using Protocol	Standard Wiegand Protocol and ZK RS485 Protocol			
Readable Codes	QR, Data Matrix, PDF417, EAN13, EAN8, UPC-A, UPC-E0, UPC-E1, Code128, Code 39, Code 93, CodaBar			
Codes Identification Angle	360° Rotation, ±45° tilt			
RFID	ID Card		IC Card	
Operating Frequency	125kHz		13.56MHz	
Power	DC 12V (±5%); USB 5V			
Reading Distance	Code ≥5cm; Card ≥4cm			
Communication	Wiegand, RS485, USB			
Operating Temperature	-20°C to 60°C			
Storage Temperature	-20°C to 80°C			
Operating Humidity	20% to 80% (assuming the working environment temp. is 25°C)			
Dimensions	86*86*50 (mm)			

## Configuration

