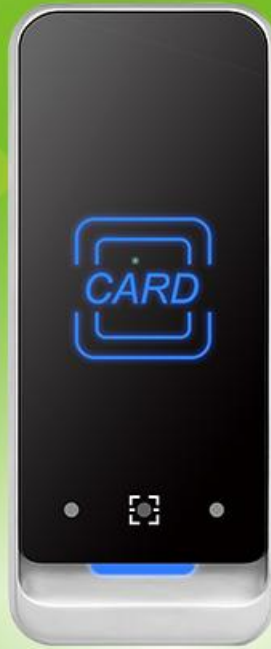# QR377 Series

QR Code Access Control Reader

ZKRADIO

Overview

QR377 series is a QR code reader with full metal frame and no buttons independently developed by our company, with IP67 waterproof design. All-glass panel, high-definition scanning lens, double fill light design, clear code scanning day and night.

Simple appearance, complete functions, fast scanning speed, high recognition rate, strong compatibility, can be connected to any access control controller that supports Wiegand input, suitable for various application scenarios, and supports the identification of RFID cards and QR codes, which can be applied to Access control, visitor management, access gates, unmanned supermarkets, building automation, elevator control and other fields.

Models

Model	Description	Wiring Definition
QR377-B-S	WG+RS485+USB interface，no keyboard Standard version Support get UID of second generation Chinese ID cards、IC cards Extra 485 active upload function on original firmware	red—+12V；black—GND；white—D1；green—D0 ； purple—BUZZ ； gray—LEDG ； yellow—NG ； blue—485+；orange—485-

Features

◇ Development of a advanced QR code access control technology；

◇ With antenna inside, and the working frequency is 13.56MHz；

◇ support get UID of MF、CPU、NFC(Simulation card)、Desfire EV1、second generation Chinese ID cards and QR code；

◇ support output by Weigand、RS485、USB、TCP；

Specifications

Params.	description
Card type	Ultralight、MF1（S50,S70）、DESFire EV1、NTag、NFC（Simulation card）、CPU、Chinese ID cards（UID）and other ISO/IEC14443A cards、15693 cards、electronic QR code, paper QR code
Communication Interface	Weigand、RS485、USB
Working voltage	DC 12V（±5%）
Working current	DC 12V: less than 200mA, USB 5V: less than 500mA
Working temperature	-10℃~+50℃
Storage temperature	-20℃~+80℃
Working humidity	20% ~ 80%
Code types	QR、UPC-A/E0/E1、Data Matrix、Matrix2 of 5、PDF417、Code 11/39/93128、Code bar、Interleaved 2 of 5
Sensing angle	Rotate 360°, angle ±45°
Sensing distance	IC cards: longer than 5cm, Chinese ID cards: longer than4cm, QR code: 5-18cm（depends on IC card type、scanning angle、ambient light intensity）
Scanning angle	34°（H）, 26°（V）
Resolution ratio	648（H）×488（V）
Sensing speed	100ms（average）
USB wire	USB to Mini USB, L=1500mm±0.3mm
size	138*58*22.67mm(tolerance ±0.3mm)

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For more contact methods and product information, please visit our website：www.zkradio.com

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