QR READER WITH DISPLAY

KQT300

An all-in-one QR code and card reader for access control and ticketing, with a 3.33-inch IPS display. It works with access control or ticketing software in transparent or protocol mode, connects straight to the network, and mounts on a standard 86 wall box or inside a turnstile. Software and hardware watchdogs keep it running.

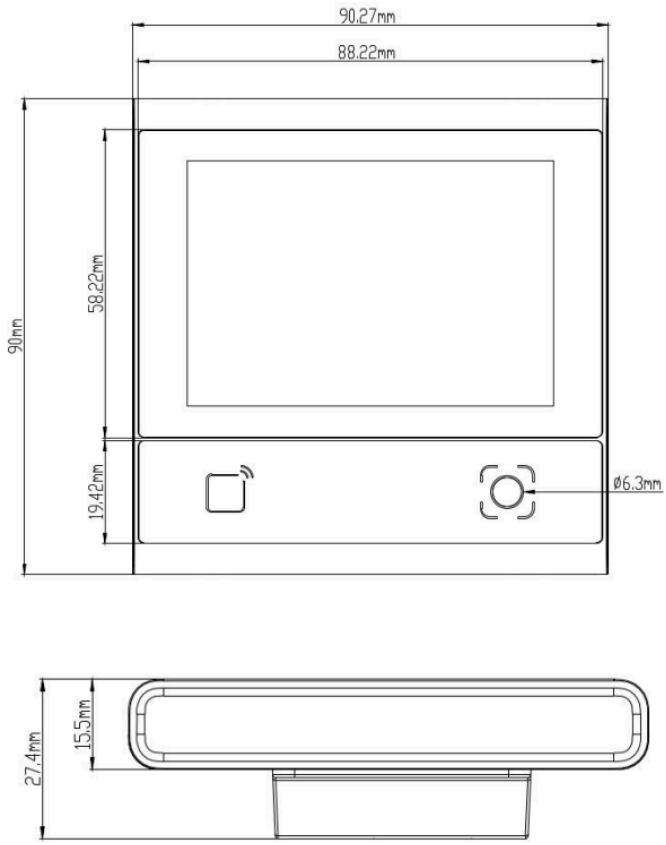


0.1	3.33"	13.56	9–15
s reading speed	IPS display	MHz cards	V DC power

SPECIFICATIONS

Dimensions	90 × 90 × 27.4 mm
Display	3.33 inch IPS, landscape or portrait mounting
Codes	QR, PDF417, CODE128, EAN13
Code reading	0.1 s average, continuous; 31–130 mm for a 15 mil QR code
Image sensor	480,000-pixel CMOS, 800 × 600
Cards	ISO 14443 A/B, 13.56 MHz: Mifare, NFC, CPU cards; 38 mm reading distance
PSAM	ISO 7816, T=0
Interfaces	Ethernet 100 Mbit, relay output 30 V / 1 A DC, exit button input
Indication	Display, buzzer, voice (71 dB at 1 m)
Operating system	Linux
Window	Tempered glass
Power	9–15 V DC, 12 V typical; 3.52 W
ESD protection	±15 kV air, ±4 kV contact
Operating temperature	−20 °C to +70 °C
Storage temperature	−40 °C to +80 °C
Humidity	5–95 %, non-condensing
Ambient light	Up to 80,000 lux, no direct sunlight

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Specifications may change without notice. Please confirm before ordering.



Front and side views. All dimensions in millimetres.

FEATURES

- QR code, barcode, Mifare, NFC and PSAM cards in one device
- Reads in 0.1 s
- Shows the verification result on screen, in several languages
- Announces the result by voice, with your own recordings
- Connects to third-party ticketing systems without code changes
- Built-in relay opens the gate or door
- Software and hardware watchdogs prevent lock-ups

INTEGRATION

Protocol	HTTP and TCP/IP: the reader sends each code to your server, and the server replies whether to open
SDK	Development kit for custom integration
Mounting	Standard 86 wall box, or built into a turnstile
Door access	Works with an electric lock, exit button and access control power supply