

DGT QR150



Series Overview

The DGT QR150 is a premium, high-security smart access control terminal built on the flexible TTLock management platform, specifically engineered for modern QR-code-based credential scanning. Enclosed in a heavy-duty, silver zinc-alloy housing with an IP67 waterproof certification, this slim-profile device seamlessly combines secure Bluetooth (BLE 4.1) wireless connectivity, Mifare proximity card reading, and a digital backlit keypad. Designed to streamline visitor management and commercial property entry, it allows administrators to remotely generate dynamic access codes, offering a frictionless entry experience for corporate offices, short-term rental properties, and gated modern residential complexes.

Functions

TTLock QR Code Authentication:

Implements a versatile visitor access architecture via the TTLock mobile ecosystem, allowing deployment of permanent, timed, or recurring QR code credentials with no capacity limitations.

Dynamic Password Management:

Accommodates extensive user structures with an unrestricted capacity for dynamic software-generated passwords alongside a secure onboard memory local log for 250 custom PIN codes.

Mifare Proximity Engine:

Features an integrated high-frequency 13.56MHz reader supporting M1/Mifare proximity cards at a responsive identification distance of 2 to 4 cm with a local capacity of up to 1000 cards.

Heavy-Duty IP67 Waterproofing:

Built from a rugged, electroplated zinc-alloy material rated to IP67 standards, making it completely resilient against rain, dust, and outdoor temperatures shifting from -20°C to +60°C.

Integrated Lock Relay Output:

Operates on a standard 12V DC input with a low working current profile of under 80mA, supporting an direct onboard lock relay load threshold up to 2A maximum.

Sleek Slimline Footprint:

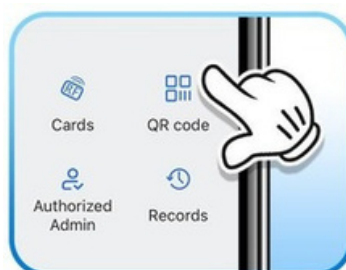
Shaped into an architectural surface-mount body measuring 148mm x 43.5mm x 22mm with a net unit weight of 330g, ensuring clean integration onto narrow frames and glass wall pillars.



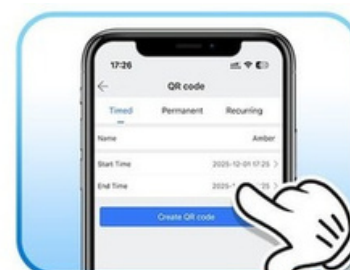
Technical specification

Bluetooth	BLE Bluetooth (BLE 4.1)
Mobile Phone	Android 4.3/iOS 7.0 above
PIN User Capacity Custom password	250
PIN User Capacity Dynamic password	No limitation
QR Code Capacity	No limitation
Card User Capacity	1000
Card Type	13.56MHz Mifare card, M1 card
Card Reading Distance	2~4 cm
Operating Voltage	12VDC
Working Current	≤80mA
Lock Output Load	≤2A
Operating Environment Temperature	-20°C~+60°C
Operating Environment Waterproof	IP 67
Operating Humidity	0%RH ~ 85%RH
Physical	Zinc-Alloy
Colour	Silver
Dimensions	L148 x W43.5 x D22 (mm)
Unit Weight	330g
Shipping Weight	405g

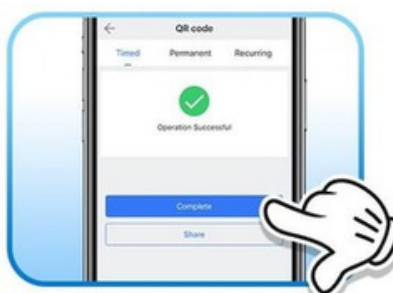
TTLOCK QR RECOGNITION



Choose your lock in the TTLock App and tap the QR code icon.



Select a type (Permanent, Timed, or Recurring) and configure the settings



Send the generated QR code link to your visitor.



The visitor scans the code with their phone to unlock the door.