

DGT KW200



Series Overview

The DGT KW200 is a standalone access control keypad designed for high-capacity security in residential, commercial, and industrial environments. Featuring a durable zinc-alloy housing with IP66 weatherproofing, it supports up to 10,000 users. The terminal enables multi-modal authentication via PIN, proximity cards (EM/Mifare), fingerprint recognition, and a mobile app, making it a highly scalable solution for versatile entry management.

Functions

Multi-Modal Access

Supports Fingerprint, PIN code, RFID Card, and Mobile App authentication

10,000 User Capacity

Manages 9,988 PIN/Card slots, 500 Fingerprint templates, and 500 App users

IP66 Weatherproof

Robust zinc-alloy construction built for harsh outdoor environments (-40°C to 60°C)

Dual-Frequency Reader

Compatible with both 125KHz (EM) and 13.56MHz (Mifare) credentials

Programmable Relay

Integrated Form C relay (NO/NC/COM) with adjustable door open time (0–99s).

Wiegand Interface

Flexible input/output (26–44 bits default) for easy integration with external systems.

Peripheral Connections

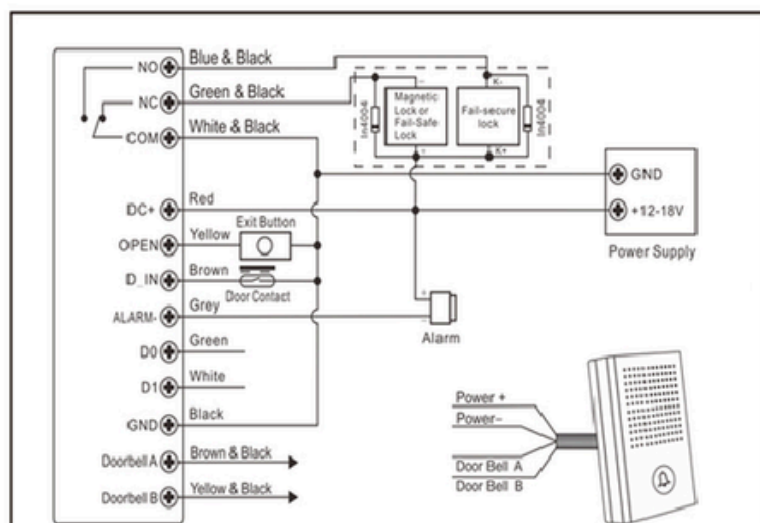
Dedicated wiring for exit buttons, door contacts, alarms, and doorbells



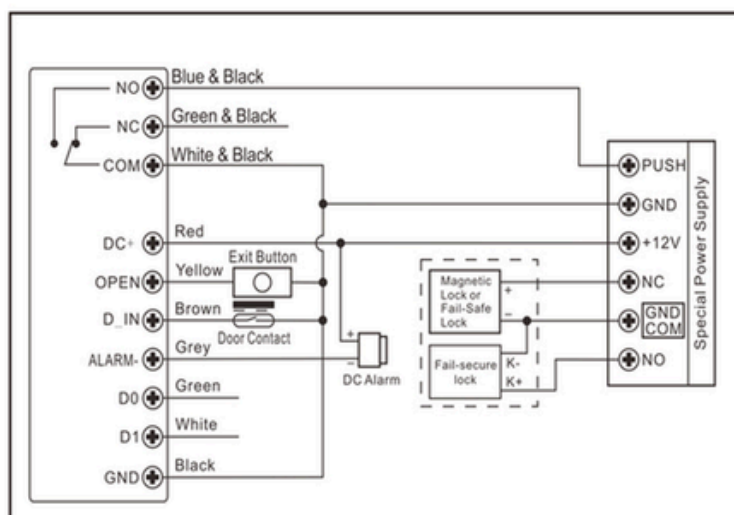
Technical specification

User Capacity	Hardware User: 10000 APP User: 500
Common User	9988 PIN/CARD, 500 Fingerprint
Visitor Users	10
Panic User	2
Operating Voltage	12~18V DC
Idle Current	≤60mA
Active Current	≤150mA
Proximity Card Read	EM or EM+Mifare
Radio Technology	125KHz/13.56MHz
Read Range	2-6cm
Wiring Connections	Relay Output, Exit Button, alarm, door contact, Wiegand IN/OUT
Relay	One(NO, NC,Common)
Adjustable Relay Output Time	0-99 Seconds (5 seconds default)
Lock Output Load	2 Amp Maximum
Environment	Meets IP66
Operating Temperature	-40°C~ 60°C (40°F ~ 140°F)
Operating Humidity	0%RH ~ 98%RH
Physical	Zinc- Alloy
Dimensions	L165 x W44 x H22 (mm)
Unit Weight	415g
Shipping Weight	500g

Common Power Supply



Special Power Supply



Wiegand Interface

EM card version: Wiegand 26~44 bits input & output (Factory default: Wiegand 26bits)

Mifare card version: Wiegand 26~44 bits, 56bits, 58bits input & output (Factory default: Wiegand 34bits)

4 bits, 8bits (ASCII), 10 digits Virtual Number (Factory default: 4bits)