

DGT KP110



Series Overview

The DGT KP110 is a highly durable, compact standalone proximity access control reader engineered to provide secure and efficient keyless entry management. Encased in a rugged ABS plastic shell with an IP66 waterproof certification, this device is purpose-built to withstand severe weather elements, making it an excellent choice for both demanding indoor setups and unconditioned outdoor environments. Combining an integrated EM card scanner with flexible relay configuration options, it serves as a streamlined, all-in-one peripheral deployment to restrict entry points in commercial facilities, residential properties, and protected perimeter gates.

Functions

High-Capacity Card Management:

Supports a large standalone database capable of storing and validating up to 2000 user cards seamlessly.

Weatherproof IP66 Engineering:

Encased in a heavy-duty ABS shell certified to IP66 waterproof and dustproof standards, enabling continuous operation across extreme climate limits from -40°C up to +60°C.

Standard Proximity Interfacing:

Utilizes 125KHz radio frequency technology to deliver responsive contactless scanning with a card read range of 3 to 10 cm.

Programmable Relay Output:

Features an onboard relay terminal (supporting NO, NC, and Common configurations) with an adjustable lock-release time delay ranging from 0 to 99 seconds.

Flexible Peripheral Wiring:

Outfitted with dedicated internal connections to seamlessly interface with an external exit button, a centralized power supply controller, and varied electronic locking hardware drawing up to a 2A maximum load.

Low-Power Operational Footprint:

Runs on a flexible 9~18V DC power input while maintaining a highly efficient idle current draw of less than 40mA.

Technical specification

User Capacity	2000 Cards
Card Type	EM card
Operating Voltage	9~18V DC
Idle Current	<40mA
Proximity Card Reader	EM
Radio Technology	125KHz proximity card
Read Range	3-10 cm
Wiring Connections	Relay Output, Exit Button
Relay	One (NO, NC, Common)
Adjustable Relay Output Time	0-99 Seconds (5 seconds default)
Lock Output Load	2 Amp Maximum
Environment	Meet Waterproof IP66
Operating Temperature	-40°C~60°C (40°F~140°F)
Operating Humidity	20%RH~98%RH
Physical	ABS Shell
Dimensions	10.3L x 4.8W x 2.0H (cm)
Unit Weight	100g
Shipping Weight	150g

