

KeyDance™ Floating Digital Keypad

KeyDance™, Recognition Security's secure floating digital keypad protects against unauthorized access by those observing your keystrokes. Unlike the traditional keypads, the liquid crystal display keys and digits are randomly placed on KeyDance each time the system is activated. This prevents reentry of the access code by simply mimicking the pattern of key sequence. The adjustable visibility angel of the LCD keys ranges between 15 to 60 degrees. This adjustable viewing angle provides the intended user necessary clarity, and yet prevents other people from seeing the key positions. The surface of the pad will be evenly worn to further deny the possibility of cracking the keys by studying the surface-worn pattern.



KeyDance™ is well suited for applications like pass-code entering device, ATM machines, POS systems and any kind access control systems that require user to enter access codes.

KeyDance™ is designed to provide ease of use and ease of installation via the built-in interface without the need to install any drivers. It can directly replace the conventional keypads.

KeyDance™

KeyDance™ Features

- ❖ Reliable LCD display and touch screen technology.
- ❖ 3628800 different key position combinations.
- ❖ Uses highly integrated circuits with less than 30 components, which ensures high reliability.

- ❖ Easy configuration via DIP switches.
- ❖ Adjustable view angles of keys, facilitating use in various heights and light conditions.
- ❖ Randomly placed keys results in even wear of the surface for additional security and increase the life span of the keypad.
- ❖ Easy firmware upgrades.
- ❖ Supports user account management.
- ❖ Versatile out-pulse settings for lock control.
- ❖ Runs off the power from connected terminal.
- ❖ Low power consumption, standby mode $\leq 2\text{mA}$, peak mode $\leq 10\text{mA}$.
- ❖ Surface area can support over 1 million touches and the system has a life span of 30 years.



KeyDance™ Technical Specifications

- ❖ 12 digits with random positions
- ❖ Voltage: DC 5V±5%
- ❖ Current: standby mode <2mA, peak mode <10mA
- ❖ Adjustable view angle ranges from 15 to 60 degrees
- ❖ Supports approximately up to 11 million usages
- ❖ Supported interfaces: TTL/RS232, DB9, I2C, Wiegand26
- ❖ Temperature: -10 to 45 degree Celsius
- ❖ Humidity: 10% - 80% RH
- ❖ Measurement: L110xW70xD20mm
- ❖ Weight: 100g

Supports the following lock and door types



Electric Locks



Electric Sliding Doors

Areas of Application



Finance

Banks, Security Vaults, Stock Exchange Entries

Commercial

Department Stores, Retail Stores, Liquor Storage Lockers

Facility

Offices, Hotels, Government Buildings, Palaces, Private Club VIP Rooms

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