

Keyscan WSSKP-1

Wiegand Keypad



*An affordable
alternative or
temporary
reader*

Simple, convenient Wiegand keypad

For use with any Keyscan Access Control System

The WSSKP-1 keypad provides an alternative to card readers and may be connected to any Keyscan control unit or other manufacturer's control unit that supports a Wiegand standard 26-bit format as an input signal.

The WSSKP-1 can also be used conjointly with a proximity reader. Generally, this applies to a retro-fit where a keypad or reader already exists. The WSSKP-1 has standalone capabilities storing up to 28 PIN codes, which can be used to activate an alarm panel for arming and disarming, locking and unlocking a door, or triggering a video surveillance system.

You may use the keypad for both a Wiegand signal and a digital output. The WSSKP-1 is a rugged, water-resistant, stainless steel unit and may be installed indoors or outdoors.

- Stand alone access control or part of a complete access control system.
- Suitable as replacement "reader" for any 26 bit or Keyscan 36 bit Wiegand reader.
- Brushed stainless steel keypad for durability that matches almost any decor.
- Braille keys for visually impaired requirements.
- Suitable for most exterior or interior applications.
- Simple to use commands allow maximum flexibility.
- Fast, easy, trouble-free installation

Features and Benefits:

- 1 Simple programming permits use in many different types of installations from single door (low and moderate security) to sophisticated CCTV and access control systems whether it is a retrofit application or a new installation.
- 2 Since the WSSKP1 supports industry standard 26 bit Wiegand data or proprietary Keyscan 36 bit format, it can be used with either a Keyscan ACU or with alternate control units supporting standard 26 bit data.
- 3 Three digit facility codes can easily be activated for installations using site or facility codes from 001 to 255.
- 4 Braille keypad permits use in premises that are accessible to visually impaired.
- 5 In stand alone applications, PIN's can be set up to be either 3, 4 or 5 digits to suit the customer's security requirements.
- 6 Any single PIN can be changed OR all PIN's can be deleted with simple keypad command sequences for stand alone applications.
- 7 Can be programmed to trigger a CCTV input prior to the host unlocking the controlled entry point.
- 8 As many as 28 distinct PIN codes can be programmed into the WSSKP1 for stand alone operation

Applications:

- 1 As a standalone unit to control access at a single entry point whether it be a standard electric lock requiring sustained power for a predetermined time or momentary activation for parking gates.
- 2 As part of an integrated access control system to pass user PIN's in Wiegand format to a host for verification and authorization.
- 3 As part of an integrated CCTV and access control system to trigger a camera while passing user PIN to the host system for verification and authorization.
- 4 As a replacement keypad reader in retrofit installations using industry standard 26 bit Wiegand encoded data

Specifications:

External power supply

- Input power (min) 12VDC \pm 5% (30 mA)
- Output (max) 12VDC@500mA into non-inductive or diode suppressed inductive load.
- Maximum power 530 mA

Mechanical Tolerances

- Key travel: 0.050" (1.27mm)
- Key pressure: light touch, audio feed back, positive action keypad requiring only 4lbs (1.81kg) pressure.

Dimensions

- 3" x 4.5" x 0.5" (76mm x 114mm x 13mm)

Certifications

- FCC Pt 15, sub J for a class B device, UL, CSA, CE

Environmental Tolerances

- Suitable for light to moderate residential, commercial and industrial applications.
- Relative Humidity: 5% to 95% Non-Condensing
- Temperature: -35° to 65° C
- Button life expectancy is greater than 1,000,000 activations

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KKT2054 2016-02