

# Keyscan WSSKP-1

## Wiegand keypad



### Features and benefits

- 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.
- 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.
- Three digit facility codes can easily be activated for installations using site or facility codes from 001 to 255.
- Braille keypad permits use in premises that are accessible to visually impaired.
- 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.
- Any single PIN can be changed OR all PINs can be deleted with simple keypad command sequences for stand alone applications.
- Can be programmed to trigger a CCTV input prior to the host unlocking the controlled entry point.
- As many as 28 distinct PIN codes can be programmed into the WSSKP1 for stand alone operation

## For use with any Keyscan access control system

### Simple, convenient Wiegand keypad

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 retrofit 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.

- 2 types of Wiegand outputs
- Digital output triggering – standalone operation
- Duress code
- 3 to 5 digit PIN codes
- Fast, easy, trouble-free installation
- Wall switch dimensions
- Braille keys
- Stainless-steel finish for durability that matches almost any decor
- Simple to use commands allow maximum flexibility

The unit may produce various outputs such as:

- Keyscan proprietary 36-bit Wiegand format when connected to a Keyscan controller
- Standard 26 bit Wiegand format when connected to another manufacturer's controller.
- Standalone operation with digital output triggering which may be used to activate relay or door locking hardware to a maximum load current of 500 mA at 12 VDC.
- Suitable for light to moderate, commercial and industrial applications.

Applications

- 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.
- Part of an integrated access control system to pass user PINs in Wiegand format to a host for verification and authorization.
- 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.
- A replacement keypad reader in retrofit installations using industry standard 26 bit Wiegand encoded data

Specifications

Operating voltage	12VDC
Current draw	<ul style="list-style-type: none"><li>• Keypad 30 mA – no digital output (orange wire not used)</li><li>• Digital output 530 mA (orange wire used)</li></ul>
Dimensions	7.5 cm (W) x 11.4 cm (L) x 1.8 cm (D) (2 15/16" x 4 7/16" x 11/16")
Cables	<ul style="list-style-type: none"><li>• 6 conductors shielded 22 AWG</li><li>• Maximum cable distance – 152.4 m (500 feet)</li></ul>
Operating temperature	-30°C to + 65°C (-22°F to +149°F)
Environmental tolerances relative humidity	5% to 95% Non-Condensing

Any questions? We would be happy to advise you.  
Contact us at: 1-888-539-7226