



# Scan Keypad **READER**

Product specification  
**CATALOGUE**

The **Impro (SKR) Scan Keypad Reader** is a compact, 125 kHz Tag Reader / Keypad, designed for use with the UniScan/FlexiScan Controllers.

Simple to use, the SKR features a 12-button alphanumeric Keypad for PIN-code entry, a single bi-coloured Red/Green Status LED and a single tone buzzer for status indication.

The 125 kHz Tag Reader and Keypad combination is housed in a tough ABS plastic enclosure.

The SKR allows PIN Code and Passive Tag input to the UniScan/FlexiScan, entry-level access control solution.

The integrated 125 kHz tag reader and can read passive SLIM / EMM tags as well as the passive tags built into the key ring sized Impro Quad Transmitters.

The Tag Reader can be mapped to any one of four relay control channels - and up to four independent relay outputs may be controlled by PIN input via the key pad (when used with the FlexiScan Controller).





## Key Features

- A single bi-coloured Red or Green Status LED.
- A single tone Buzzer.
- A 12-button alphanumeric Keypad.
- A 125 kHz Tag Reader

### Impro (SKR) Scan Keypad Reader

HRK990-1-0-GB-XX

## Maximum Reading Range (Tag)

Tag Type	Typical Range (Minimum)
ISO Credit Card (Slim)	25 – 100 mm (1 – 4")
Quad Transmitter Passive Tag	25 – 50 mm (1 – 2")

NOTE: Mounting the Scan Keypad Reader on a metallic surface will reduce the Tag reading range slightly.

## Physical Specifications

Length	: 88 mm (3 in)
Width	: 60 mm (2 in)
Height	: 24 mm (1 in)
Approximate Weight	: 168 g (6 oz)
Housing Material	: ABS Plastic
Colour	: Black

## Environmental Specifications

Operating Temperature	: -25°C to +60°C (-13°F to +140°F).
Storage Temperature	: -40°C to +80°C (-40°F to +176°F).
Humidity Range	: 0 to 95% relative humidity at +40°C (+104°F) non-condensing.

### Approvals

Compliance	: CE
Dust & Splash Resistance	: Designed to work in an indoor or outdoor environment similar to IP54, the SKA is resistant to water.
Drop Endurance	: 2 m (7 ft) drop (in packaging).

## Electrical Specifications

### Power

Input Voltage : 11 V DC to 15 V DC.

Power Requirements	Current (mA)	Power (W)
Input Voltage 12 V DC,	: 50	0.6

Power Input Protection : Reverse polarity protection

### Data Communications

Wired Network : S-Bus

## User Interfaces

### Audible Indication

Buzzer : Single tone, 4 kHz

### User Input

Buttons : 12 Alphanumeric keys

### Visible Indication

Status LED : Bi-coloured (Red or Green)

## Related Information

For extra information relating to this product refer to:

- SKR Hardware Installation Manual (SPK306-0-0-GB-XX).

## Ordering Information

Order the Scan Keypad Reader (SKR) using the following Part Number:

- HRK990-1-0-GB-XX: Scan Keypad Reader (SKA)

## Warranty Details

This product conforms to our Warranty details on [www.impro.net](http://www.impro.net)

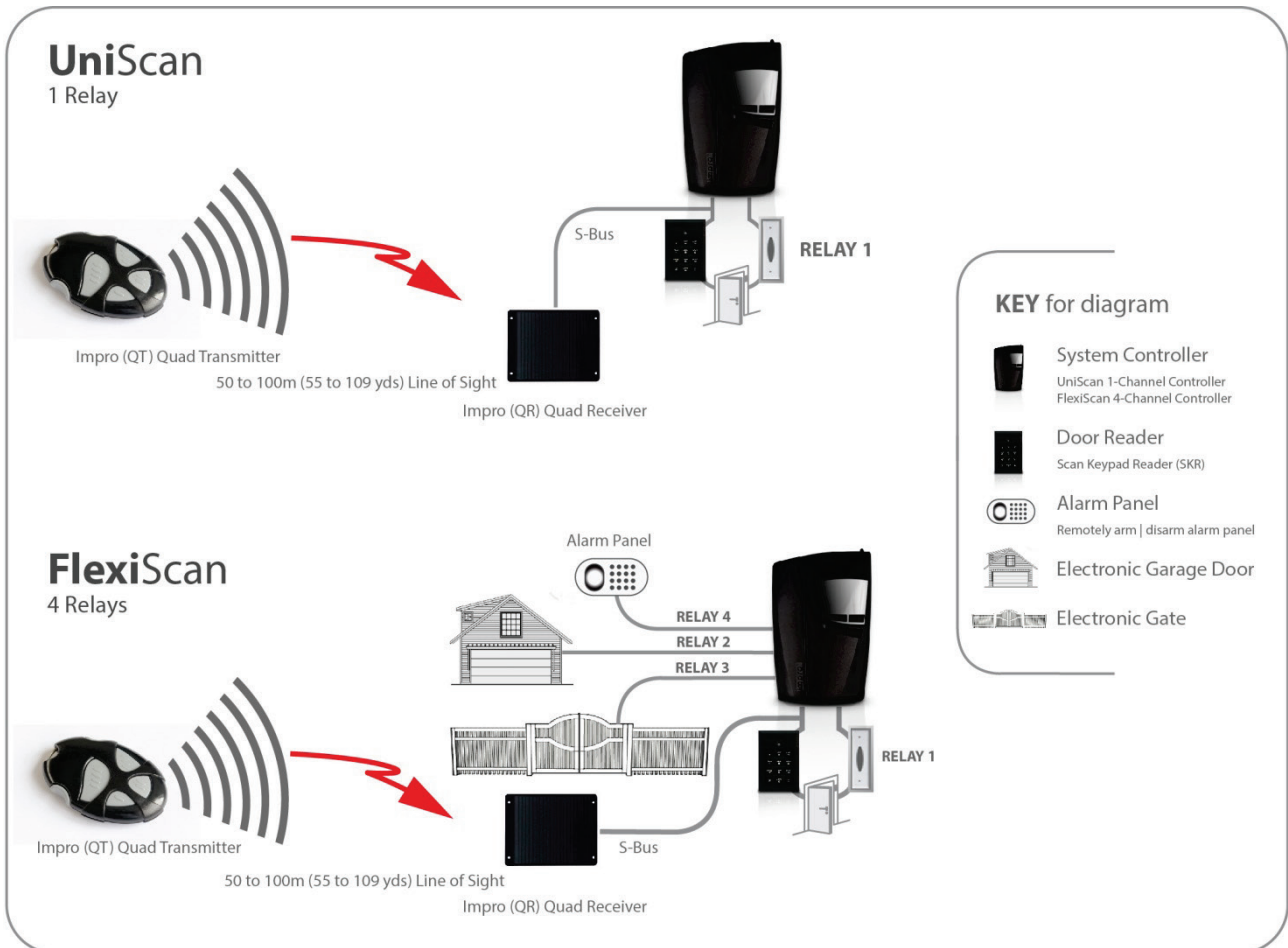


Figure 1: Impro (SKR) Scan Keypad Reader System Overview

This Product Specification Catalogue applies to the Scan Keypad Reader (SKR), HRK990-1-0-GB-XX.  
(The last two digits of the Impro stock code point to the issue status of the document or product).

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