# FERMAX
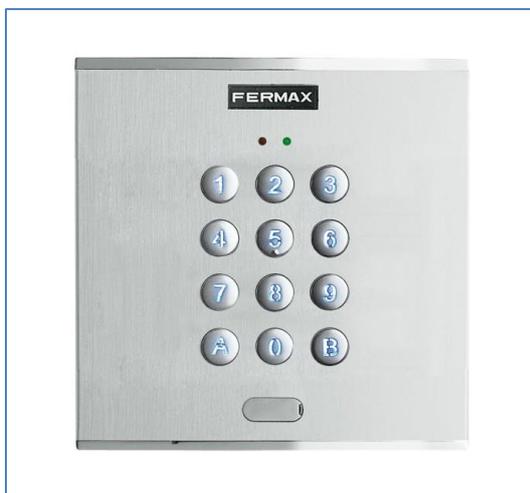
# REF.5190   CITY WIEGAND KEYPAD

## FUNCTIONS

Digital keypad that allows the door to be opened by entering a 4 to 6 digits code previously programmed into the central controller, necessary for its operation.

City is the line of "continuous profile" outdoor panels and readers

This new model is more robust and has higher aesthetic and exceptional quality.

It is characterized by its curved-convex profile maintaining the same characteristics of its predecessor. There is total compatibility between both models, ensuring immediate replacement. It is made of anodized aluminium, highly resistant to weather and climate change. It incorporates new materials such as chromium-plated Zamak on top and bottom frames and pushbuttons. Aluminium colour.

The Wiegand keypad allows the access control installation to be provided with an anti-sabotage security as they do not incorporate the door opening mechanism or exit button connection. These functions are supported by the external controller. It can be used with controllers using Wiegand-8 or 4-bit burst protocols.

For installations requiring PC code change or event logging. Requires an external centralized controller such as AC-MAX, AC-PLUS or IP AXES. Depending on the controller where this Wiegand keypad is connected, it must be configured in 4 or 8 bits burst.

**CENTRALIZED ACCESS CONTROL READER:**

Keypad with up to capacity:

* 1,020 user codes with MDS Central Unit (ref. 2405). (Wiegand 8 bits)
* 2,048 user codes with AC Plus Central Unit (ref. 4410). (Wiegand 8 bits)
* Door controller (ref. 4420) required for connection and operation.

** 8.192 user codes with AC MAX Central Unit (ref.5223 or 5224). Unlimited online. (Wiegand 4-8 bits)
** 50,000 user codes with AXES IP Central Unit (ref.5280). (Wiegand 4 bits)
** Allows remote code change.

Programming from PC under Windows. See more details of installation and capacities in the different systems.

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## ACCESSORIES

Ref. 4420 CENTRALIZED DOOR CONTROLLER.
Ref. 4410 CENTRAL UNIT AC+ (DIN10)
Ref. 2405 CENTRAL UNIT MDS (DIN10)
Ref. 5223 KIT AC-MAX 2 DOORS
Ref. 5224 KIT AC-MAX 4 DOORS
Ref. 5280 CENTRAL UNIT IPAXES 1/2 DOORS
Ref. 4813 POWER SUPPLY 12Vdc/2A

Ref. 8851 S1 FLUSH BOX
Ref. 7061 S1 SURFACE BOX

## MECHANICAL SPECIFICATIONS

**APPEARANCE**
Continuous profile.
Environmental protection (IP): 54
Shock protection (IK): 07

**DIMENSIONS**
Series 1 panel.
- Reader dimensions:  130x128 mm (width-height).
- Flush box dimensions: 115x114x45 mm (height-width-depth).
- Surface box dimensions: 130x128x33 mm (height-width-depth).

## TECHNICAL FEATURES

Power :
   12 Vdc.
Energy consumption:
   12Vdc / 70mA
Temperature: [-15ºC, +55ºC]

Protocols Wiegand 4 or 8 bits burst.
IPK 54 07