



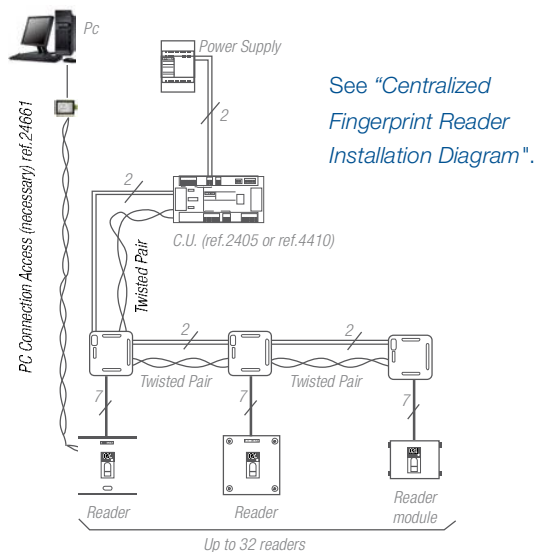
Built-in Proximity reader



## TECHNICAL FEATURES

- The Wiegand Readers (WG) allow greater anti-vandalism security given that the reader is not connected to the lock-release mechanism or the exit button. All devices are connected to the door controller and therefore are outside the range for interference. The door controller is installed in the interior area (secure area) and the reader in the exterior.
- The reader can be used with other door controllers which use Wiegand 26 (WG) or Data/Clock protocols.
- Wiring: 7 wires to the door controller.
- For more information see the door controller's Technical Features section.

## INSTALLATION (BASIC)



## Fingerprint

# Wiegand26-Data/Clock Cityline Fingerprint

Ref.6959

- **Biometric access fingerprint reader with capacitive sensor.**  
Identifies the user by way of their fingerprint (unique, unrepeatable characteristic for each individual). With built-in proximity reader which works as follows:
    - Some people have fingerprints which do not have the necessary information to authorize them in a biometric system. This applies to some 1% of the population. In these cases, use integrated Proximity.
    - Security mode: activates dual security, (Fingerprint+Card) for the same User.
  - Integrated in Cityline aluminum panel.
  - **Flush mounted** (ref.8948, including box) or **surface installation** (ref.7061, optional).
  - Recommended for interior and exterior use.
  - **Requires a door controller (ref.4420) for its connection and operation.**
  - Can function as stand-alone or centralized system (dipswitch configurable).
- Configuration as a CENTRALISED system with Wiegand26-Data/Clock protocol:**
- Capacity (number of users):
    - 1.020 users with **MDS Central Unit** (ref.2405).
    - 2.048 users with **CAC Central Unit** (ref.4410).
- Note: prints are authorized in the reader and then sent on to the Central Unit.*
- **Acoustic and visual confirmation using status LEDs** which indicate if a fingerprint has been accepted or rejected.
  - **Reading Method.** You must swipe your fingerprint across the reader in a downwards movement (from top to bottom) at a uniform speed and exerting slight pressure.
  - Includes a software CD and infrared remote keypad.

## PROGRAMMING

Programming is done thanks to the software package which can be downloaded from [www.fermax.com](http://www.fermax.com). The fingerprint codes are provided by the PC application and should be set up on the control system (central unit).

## SPECIFICATIONS

• Dimensions:	
* Reader	130x128
* Flush Mounted Box (included)	115x114x45
* Surface Box (optional)	115x128x33
• Environmental Protection (IP)	43
• Anti-Shock Protection (IK)	07
• Power Supply (V)	12Vdc
• Consumption (mA) S/lock-release	118
• Operating Temperature	-10° to 55°C

	Door lock recommended:		
	References		
	Normal	Reinforced	Normal w/sensor
12Vdc	30708	2888	29580

Dimensions: (horizontal)x(vertical)x(depth) mm