

CoMETA



ANTI-SKIMMING ATM LOBBY
CARD ACCESS CONTROL

Co855
COMETA SPA

Co855 Anti-skimming device

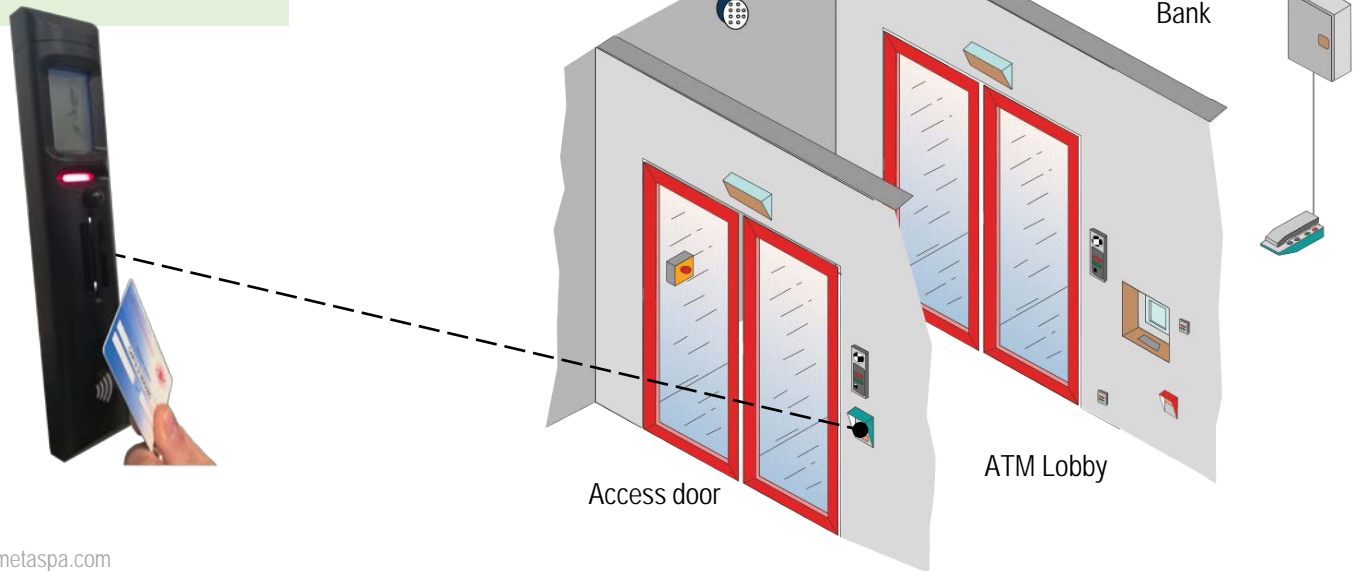
Skimming is growing a world-wide problem.

Nowadays, increasing facts of skimming attacks on ATM Lobbies. Criminals set skimming devices near or over ATM Access Control Swipe or Insert Readers to capture data from the magnetic stripe.

CoMETA Co855 against skimming attacks and offers real-time monitoring.

Skimming activities are difficult to detect and card details are copied with details used across the world with no immediate connection to where the card was skimmed.

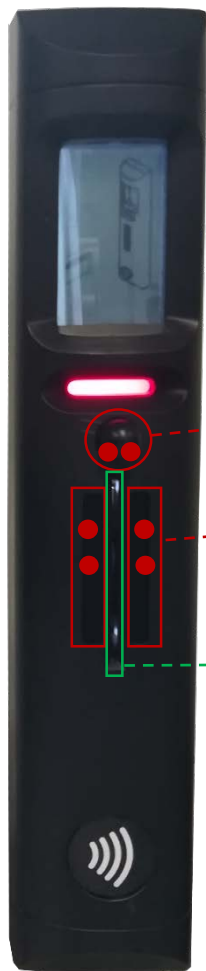
Card skimming is a major global crime. Once captured, the electronic data is put onto a fraudulent card and the captured PIN is used to withdraw money from accounts.



Co855 Anti-skimming device



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6 Anti-skimming Sensors: Infrared rays modulated to 390 kHz

1 Tamper Push Button: Internal sensor

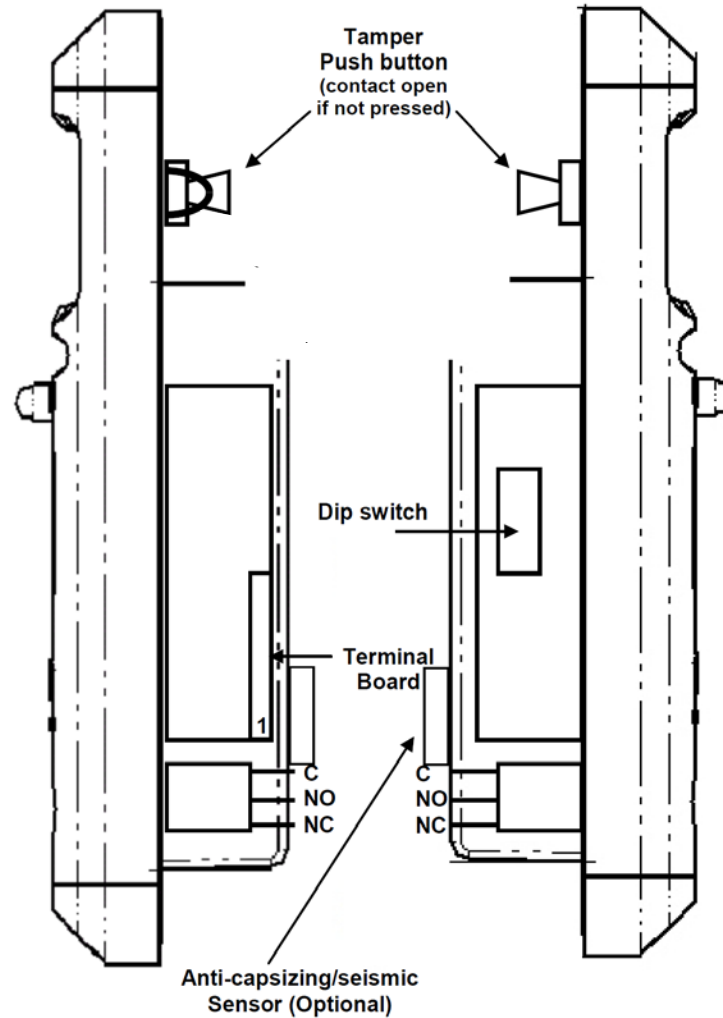
1 Anti-capsizing/seismic Sensor: Internal mercury sensor (optional)

2 Anti-skimming External Sensors
They detect the occlusion of themselves and side sensors

4 Anti-skimming Side Sensors
They detect skimming activities on card insertion area

Card insertion slot

Co855 Internal view

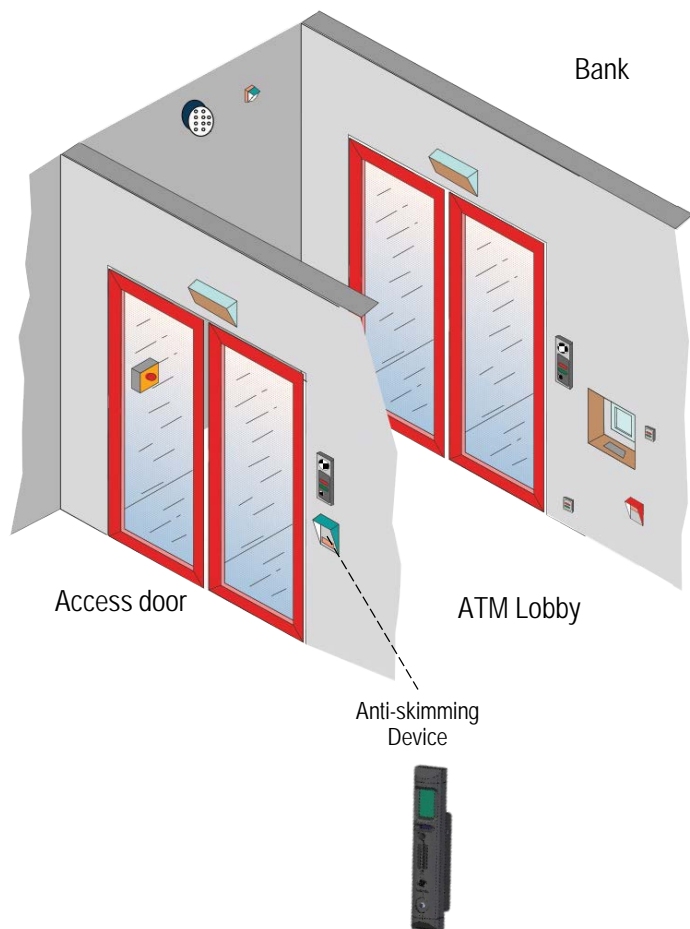


Anti-seismic Sensor

Co855 device are provided with an additional anti-seismic mercury sensor, applied on the bottom of the rear cover. The sensor ending is a NC contact and its cable has a length of 1 m. The sensor sensitivity could be regulated.

By loosen the central screw is possible to register the sensor threshold of intervention. Alarm signal shall be forwarded to an Alarm Unit input.

How Co855 works «stand alone»

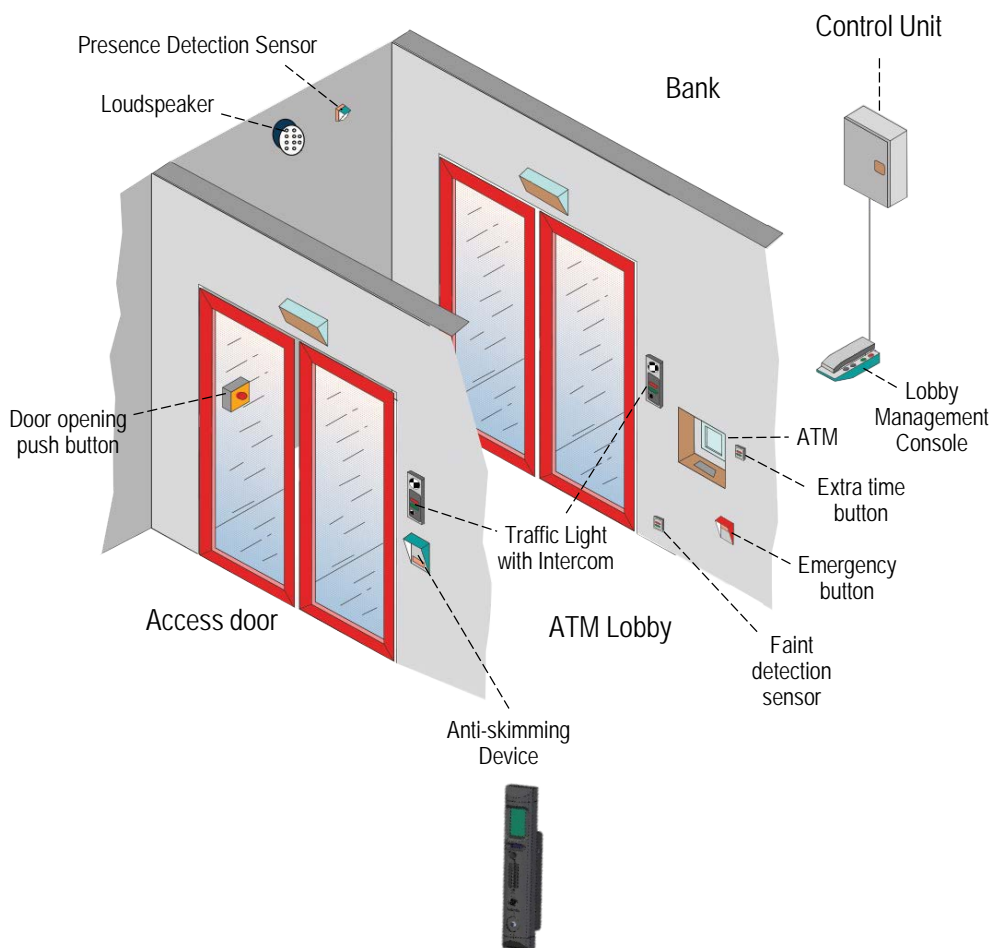


Working "stand alone"

In this case the device manages the anti-skimming sensors status and the external door opening. In case of skimming action (at least one of the anti-skimming sensor must be blinded for 1 minute or more) the lock opening output is not available.

In case of all devices management inside of a ATM Lobby, the Co855 has to be connected to the main Control Unit.

How Co855 works connected to the «Control Unit»



Working with the main CoMETA Control Unit

The device is connected to the CoMETA Control Unit that manages all devices installed in the lobby, such as: IR sensors, «Extra time» push button; Emergency push button; Vocal messages; Faint detection sensor; etc.

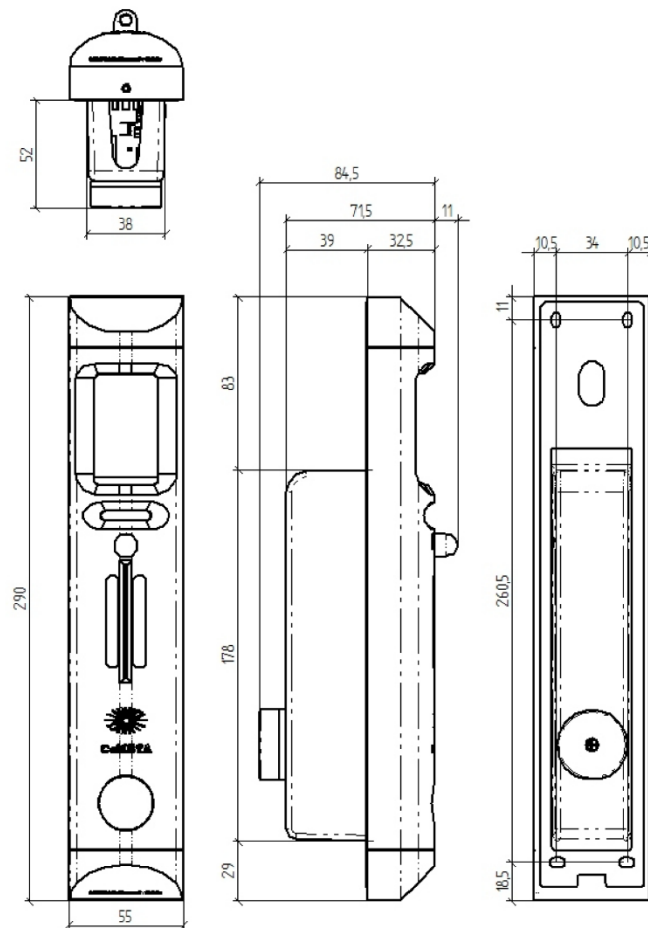
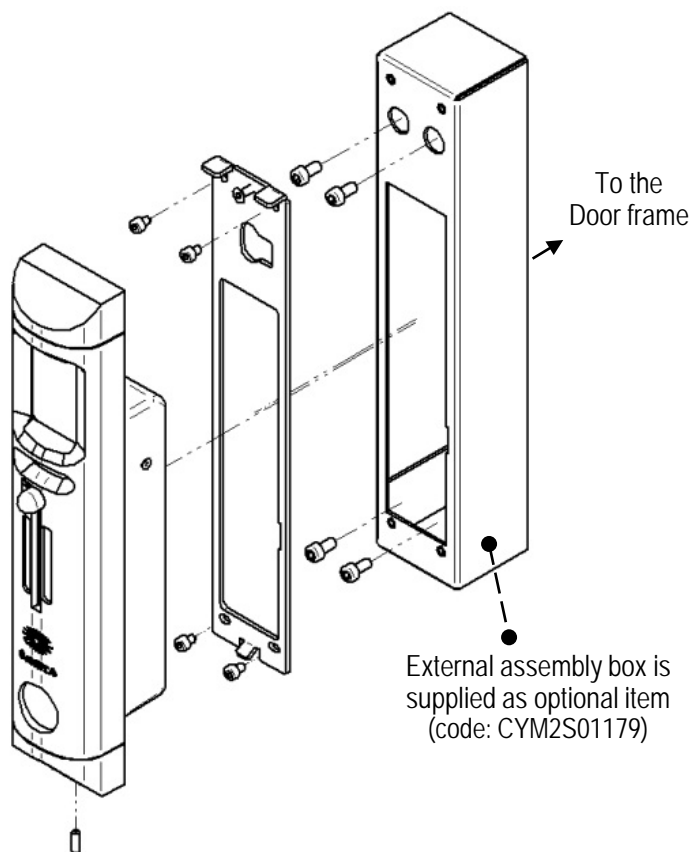
The Control Unit can also be connected to the Control Room (Alarm Unit).

Co855 Features



1. Easy to be installed on any kind of entrance (on door frame)
2. Real-time monitoring
3. Keep-alive messages
4. Backlit graphic display for displaying messages
5. Traffic Light panel: red, yellow and green light
6. Card reader: with or without chip and NFC cards
7. Card insertion slot **lighted**: the lighting facilitates the card insertion in low ambient light conditions or during the night
8. Interfacing with the Central Control Unit via RS485 serial or wired
9. Six optoelectronic sensors guarantee protection against tampering and skimming activities (data cloning)
10. Internal mercury sensor: it detects the inclination change
11. First entrance Key (Dallas Key, Bit Key or Mechanical Key)
12. Working temperature: -20°C / +50°C

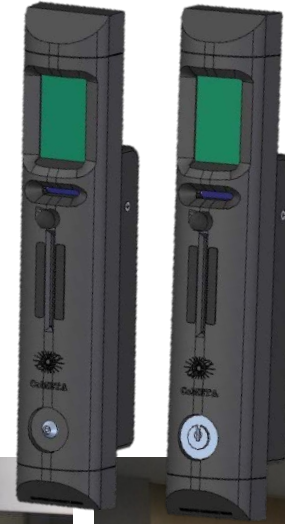
Co855 Dimensions



Quote in mm

Co855 First Entrance activity

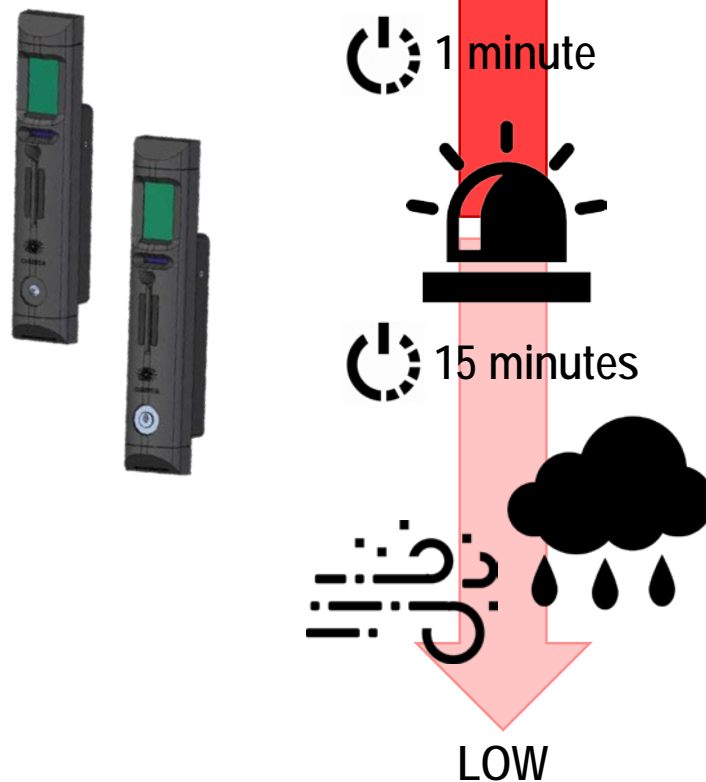
For the first entrance can be used a Dallas Key, a Mechanical Key or a Bit Key.



Co855 New feature

Updated configuration based on reduction of «false alarms». Two new system settings:

1. **High sensitivity:** alarm generated after at least **1-minute** sensor detection
2. **Low sensitivity:** (ideal for harsh environmental conditions, presence of dust, no rain protections). The alarm is generated after at least **15-minutes** sensor detection.





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