



PRODUCT INFORMATION



Reference : FD-050-091



Technologies : Mifare Plus, Mifare Classic, Desfire, BLE

DESCRIPTION

In a conventional lift access control system, readers are installed inside the elevator.

The user initiates a call by pressing a button, boards the elevator, presents their access card, and selects the desired floor by pressing the corresponding button. When the card is presented, the buttons illuminate to indicate the accessible floors.

For residents, only the buttons for their floor and the parking area are lit, while for caretakers, all buttons are illuminated, granting access to all areas within the building.

iPassan central unit provides a dry contact for each floor and each elevator. For instance, in a 40-story building with 4 elevators, 120 iPassan relays need to be connected to the elevator controller.

To reduce the number of iPassan relays required, there is the integration of the Kone COP (Car Operating Panel). This integration follows the conventional elevator model and employs TCP/IP communication between the access control system and the elevator. As a result, the need for 120 iPassan relays is eliminated.

This integration doesn't necessitate any extra hardware. Since the number of floors is specified in the activation code for each central unit, a 200-floor activation card adequately covers the requirements for a central unit managing 4 elevators in a 50-story building.

COMPLEMENTARY ASSOCIATED PRODUCTS

- [FD-050-092](#) : KONE 100-floor – Activation card
- [FD-050-093](#) : KONE 200-floor – Activation card