

The MC16-HRC hotel room access controller is a variation of the MC16-PAC standard access controller, in which additional functions related to hotel room management have been made available. MC16-HRC provides room management in cooperation with dedicated terminals and I/O expansions, in particular with a corridor (room entry) reader (MCT82M-IO-HR), a card holder (MCT82M-IO-CH or MCT86M-IO-CH-HR) and touch type function key panels (MCT82-FK-HR). The system enables control and signalling of following services: Buffet, Baggage, Cleaning, Help, Service, Do Not Disturb and statuses: Check-in and Guest in a room. Signalling of the above along with room automation states can be monitored on an ongoing basis from the VISO management program and signalled on LED indicators and output lines. The MCT82M-IO-HR corridor reader has four programmable LED and a door bell button. These LEDs are usually used to signal the status of a room and services: Cleaning and Do Not Disturb. The bell may be signalled on the external chime or the internal loudspeaker of the terminal installed inside the room (e.g. card holder). The system recognizes the code of the card inserted in the card holder and, depending on its authorisations,

switches on the electrical power supply and other devices or systems available in the room (e.g. air-conditioning). Function buttons on touch panels are usually used to control hotel services and lighting. Any combination of lighting (the so-called light scene) can be controlled from the function touch panels, buttons connected to the controller inputs, system managing software or by using a card with appropriate authorizations. Control of room automation, including lighting, can be concurrently carried out from multiple places and using a variety of methods. The MC16-HRC controller is offered in 4 versions, which allow for servicing from 1 to 4 rooms. MCT series terminals intended for installation in a room are also available in a flush-mounted version with a glass front panel, which guarantees high durability and elegant aesthetics. Due to the security requirements, the devices of the RACS 5 system used in hotels are offered only in the versions with support of encrypted memory sectors of the MIFARE[®] proximity card. The MC16-HRC controller uses the same electronic module as the MC16 access controller and offers the same hardware expansion options.

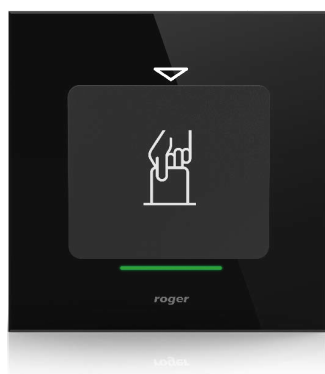
Terminals and readers dedicated to hotel room management in RACS 5 system



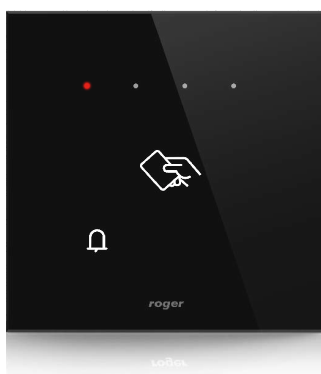
MCT86M-IO-CH-HR



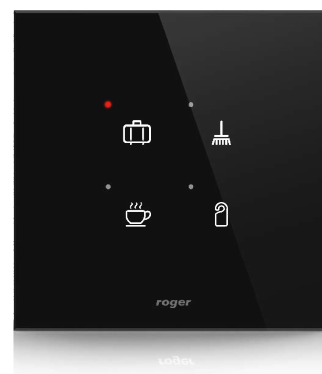
MTC82M-IO-CH



MCT82M-IO-CH-F



MCT82M-IO-HR-F



MCT82-FK-HR-F

Order guide	
Item	Description
MC16-HRC-1	Hotel room access controller board; 1-room license
MC16-HRC-2	Hotel room access controller board; 2-room license
MC16-HRC-3	Hotel room access controller board; 3-room license
MC16-HRC-4	Hotel room access controller board; 4-room license
MCT82M-IO-CH	Card holder; MIFARE Ultralight/Classic/Plus/DESFire reader; status LED; built-in IO lines; 12 V supply; QUADRUS series design
MCT82M-IO-HR	Hotel room entry terminal; MIFARE Ultralight/Classic/Plus/DESFire reader; 4 programmable LEDs; door bell button; built-in IO lines; 12 V supply; glass front panel; QUADRUS series design

Order guide	
Item	Description
MCT82M-IO-CH-F	Card holder; MIFARE Ultralight/Classic/Plus/DESFire reader; status LED; built-in IO lines; 12 V supply; QUADRUS series design; flush type enclosure
MCT82M-IO-HR-F	Hotel room entry terminal; MIFARE Ultralight/Classic/Plus/DESFire reader; 4 programmable LEDs; door bell button; built-in IO lines; 12 V supply; glass front panel; QUADRUS series design; flush type enclosure
MCT82-FK-HR-F	Function key panel for hotel room; touch type 4 function keys with hotel type icons; 4 function LEDs; 12 V supply; QUADRUS series design; flush type enclosure
MCT86M-IO-CH-HR	MIFARE DESFire/Plus access terminal with card holder; on-board I/Os; hotel signalling function key panel

Legal Notice

This document is not intended to be a technical specification of the product and has informative character only. The Manufactures of product reserves right to change its characteristic without notice. The product features listed in this document refer to the entire series and depends on particular product version, configuration and additional equipment.

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