RFID Remote Controller for Visionline

The VingCard Remote Controller is fully compatible with VingCard electronic locking systems and provides access control on common doors, such as vehicle barriers, health clubs, conference suites, staff entrances, guest night entrances and more. Our Remote Controller is an advantageous supplement where regular locks are not suitable. The VingCard Remote Controller supports Mobile Access. [1]

FEATURES

: Supports Mobile Access. [1]

: Come with a heating element for optimal operation in cold environments (optional to use).

: A standard cover plate is available to cover up old hole patterns.

: Online functionality.

: Fully compatible with Visionline software.

: Remote audit trail for 2000 events.

: Remote cancellation of cards.

: Lock out/block entire user groups.

: Brass front covers are available in Satin- and Polished Chrome and Satin- and Polished Brass for a more exclusive design that match our lock finishes. [2]

: UL-294 certified.

: RFID Specifications:
   - 13,56MHz technology
   - Compatible with the following standards:
     ISO 14443 A (MIFARE)
     ISO 14443 B
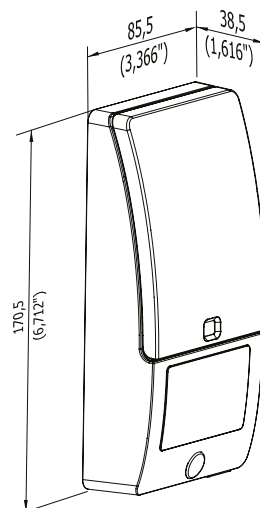   ISO 15693

1) Mobile Access is available when using a reader that is BLE compatible.
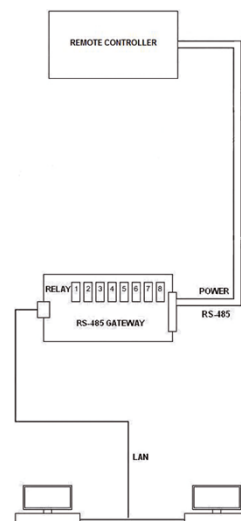2) These covers are not available with BLE compatible readers.

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TECHNICAL DATA

Each complete unit, supplied individually packed, consists of	1) Remote Controller unit with reader and heating element. 2) Gateway 3) 20 metres of communication cable for use between remote controller and relay box.
Additional parts	Metal front cover kits in Satin- Chrome and Brass or Polished- Chrome and Brass. (3)
Dimensions - surface mounted model	Height: 170,5 mm / 6,71 inch. Width: 85,5 mm / 3,36 inch. Depth: 81 mm / 3,18 inch.

Dimensions - flush mounted model	Height	Width	Depth
Behind frame (in wall)	173 mm / 6,81 inch	88 mm / 3,46 inch	42 mm / 1,65 inch
Frame	195 mm / 7,67 inch	110 mm / 4,33 inch	3,5 mm / 0,13 inch
Outside frame (in room)	170,5 mm / 6,71 inch	85,5 mm / 3,36 inch	41,5 mm / 1,63 inch

Electrical specifications	
Supply voltage	12-24 VDC.
Current consumption without heating element (no load)	150 mA continously
Current consumption with heating element (no load)	1 A continously
Recommended cable length from RC to Gateway (without heating element)	500m/547 yds
Recommended cable length from RC to Gateway (12VDC, half power to heating element)	20m/22 yds
Recommended cable length from RC to Gateway (12VDC, full power to heating element)	10m/11 yds
Recommended cable length from RC to Gateway (24VDC, full power to heating element)	20m/22 yds
Current consumption without heating element (no load)	150 mA continously
Current consumption with heating element (no load)	1 A continously
Recommended cable length from RC to Gateway (without heating element)	500m/547 yds
Environmental specifications for card reader:	Minimum: 0 C (without heating element), -30 C (with heating element). Maximum: 50 C (without heating element) 50 C (with heating element). Humidity: Non condensing.
Other specifications	Front cover color in RAL 7000 Housing color in RAL 9005 External power supply must be ordered in addition if needed.
Standards & Certifications	European Low Voltage Directive, European EMC Directive, European Radio Equipment Directive, Federal Communications Commission (FCC), Industry Canada (IC), UL-294
IP Rating	IP32 for Remote controller encapsulation. IP56 for RFID reader located inside of cover

Specification:

85,5 (3,366") 38,5 (1,616") 170,5 (6,712")

Configuration example of Remote Controller in a network::

REMOTE CONTROLLER
RELAY 1 2 3 4 5 6 7 8   POWER
RS-485 GATEWAY   RS-485
LAN

3) Metal covers kits are not available with BLE compatible readers.