



Access OTP Keypad

Access OTP Keypad Ethernet Communication

RT-ACS-OTP-KPD



Access OTP keypad unit (ACS) makes the access door in the secured room more secure with One Time Password(OTP) from a centralized Server by the monitoring authority. The person who tries to access the secured door gets intimated with OTP and that is entered into the keypad, and then the user will be able to open the door.

The ACS is a secure system whose hardware unit is placed outside of the secure room. The hardware system has a display, keypad for the user to enter the request, and 2 relays for EMLock controls (one standby) safe relay mechanism to open the door of the room. The door will automatically be closed within 30 seconds. To exit the Room, the user can use the EXIT push button switch to open the door.

The system communicates to the OTP management system through the internet using a wired Ethernet connection to the Router. The system has non-volatile memory to store 1000 OTPs, communicates with OMS using SIA protocol, and gets commands and data using our proprietary protocol.

The hardware system also has a potential free output which will give input to AlarmPanel on entering a dedicated DURESS Code, tampering of the unit, force opening of the door without the permission of the system, and also communicates these alerts to the OMS (OTP Management System). An Alert will be sent to OMS, when the wrong password is entered 3 times.

Features

- 12V DC supply is given as input to the unit
- User Key Entry interfaces- Keypad and LCD Display
- Ethernet Communication interface with Protection for connectivity
- SIA protocol for Communication
- Rugged Cabinet
- Solid state relay for access door operations- 2 output (1 standby) for Fail secure lock operations
- Non-volatile memory to store the 100 OTP's
- Potential free output contacts to the alarm panel on Duress Code entry.
- Unit Tamper Detection.
- Online and Offline modes of Access implementation.
- Browser based application with login levels.

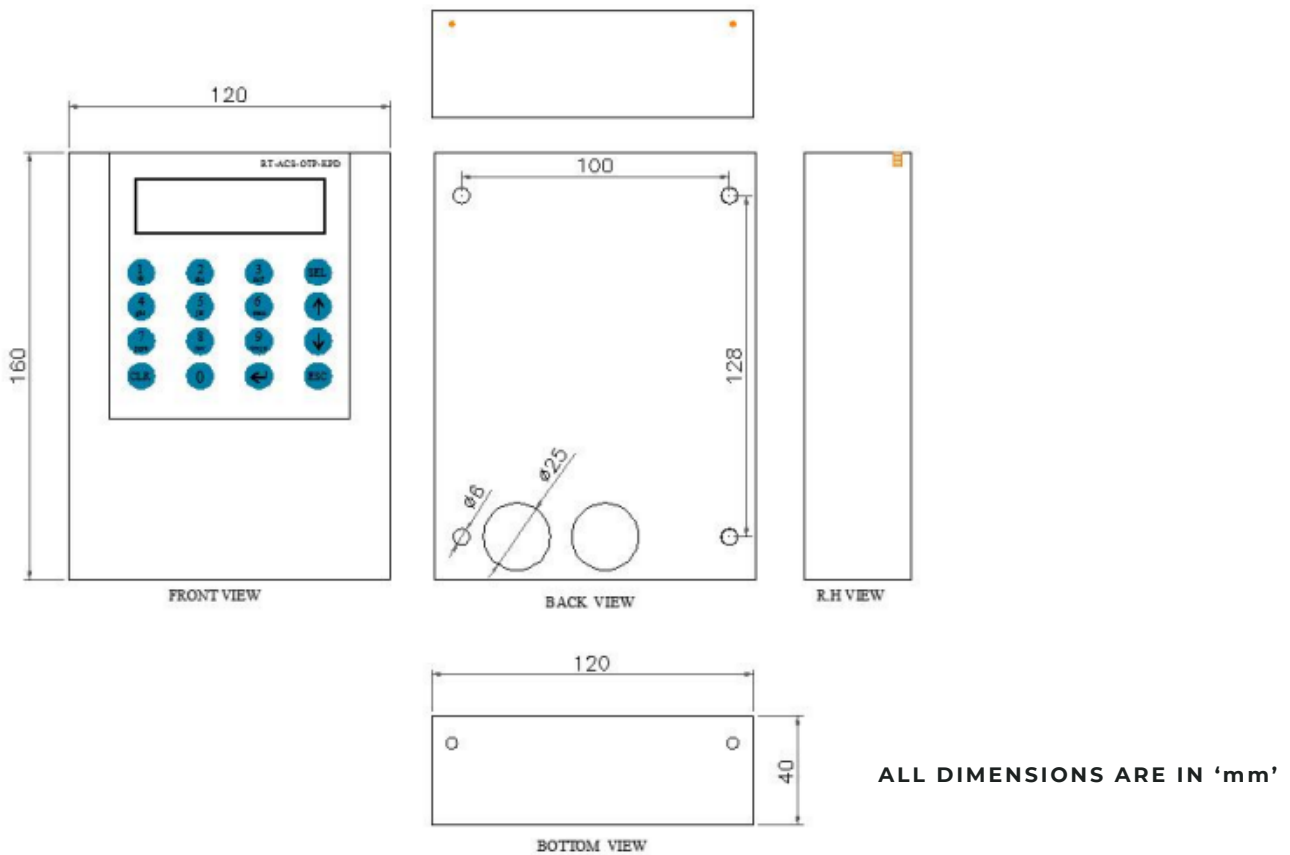
Application

- Vault Room
- Server Room
- Locker Room

Product Selection

MODEL	COMMUNICATION	DIMENSIONS (W*H*D)mm
RT-ACS-OTP-KPD	Ethernet Communication	120X160X40

Product Dimensions



Calibration

This product is factory calibrated, No Field calibration is necessary for the life of this product.

Certification

CE certified, RoHS compliant, ISO 9001:2015

Warranty

1 Year warranty

Revision History

REV NO.	DATE	NO. OF PAGES	PREPARED BY	REVIEWED BY	APPROVED BY
1	19-05-25	04	RK	CT	AX

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