

CELS TRANSCEIVER - K592C

DESCRIPTION

The K592C is an infrared transceiver used to provide a wireless link between a battery powered electronic door lock equipped with an appropriate transceiver and the INNCOM Central FLN5 network. The K592C utilizes INNCOM's proprietary IR5 long-range diffused infra-red technology to provide secure communications between the electronic door lock and the K592C.

APPLICATION

This technology enables an electronic door lock to exchange information with the hotels back-office server. A high intensity wakeup feature allows communications with the lock on a real time basis. This permits the hotel to perform functions such as: remote staff/guest card cancellation, remotely extend guest card access and Detect unauthorized entry.

OPERATION

The K592C connects to INNCOM's FLN5 network. One FLN5 segment typically consists of 40 to 50 rooms, either home run or daisy-chained, which are connected to an INNCOM B572 Floor Bridge. The B572 Floor Bridge operates up to two FLN5 segments and routes the data via an Ethernet port (TCP/IP) to a server application.

Data communication range of the K592C is up to 50 feet with direct line of sight and up to 20 feet in good reflective conditions.

The K592C routes information between the electronic lock and FLN5 network down to the Lock vendor's server.

FEATURES

- Designed for hotel and semi-public areas
- Opaque housing hides internal electronics
- Supports code division multiplexing when used in open spaces where cross-talk is possible
- AGC to adapt dynamically to signal noise
- Software upgrades can be made through an external programming header
- Software can be uploaded after installation.

SPECIFICATIONS

- Model number: K592C
- Dimensions: 1-3/4" high, 3-1/8" trim ring, 2-1/4" insert
- Connector length, Six inches
- Meets FCC Part 15B Class A

