

CASE STUDY

Multiplex Housing Access Control Solution



Access Control for Multiplex Housing

As the prevention method of the burglary and other crimes, the residents of the multiplex housing are becoming more and more alert about the unauthorized person and solicitor entering their residential area. This has been a major on-going issue amongst neighborhood watch meetings and managers meetings as their family and loved ones are left unprotected against all the possibilities of misfortunate events such as break-ins, burglary, crimes and other misdemeanors.

Facilitating up to 512 users, IDTECK's 100R, the PIN & Proximity Single Door Access Controller, delivers an adequate access control solution for multiplex housings and small to mid-sized business environments. Shedding off the bulky and unsophisticated appearance of the access control devices of the past, this slick designed device is equipped with robustness and guaranteed high performance values.

100R / 100W (125KHz PIN & Proximity / PINPAD Single Door Access Controller)



- Up to 512 Users
- Access Control with Basic T&A
- 1ea of External Reader Port (26Bit Wiegand)
- Standalone /Network Comm. via RS232
- **100W : Weather-proofed Model**
- Keypad Lock by Try-out Error Alarm
- Duress Mode Function
- Toggle Mode for Door Opening/Closing
- Dual Tamper Switches
- Safe / Secure Mode Available



When 100R is installed on the main gate of the building, it secures the area by not granting access to the unauthorized personnel and solicitors. The residents could control the doors from inside their homes using either intercom or video phone to identify the person before opening the door. To accommodate different application usages according to the installation site, 100R can be integrated with a timer to set the operating hours. For example, the device can be disabled during the day time and become enabled automatically during the night time. This function could be applied to the effective management of the multiplex housing since a lot of people are expected to come in and out of the building during the day time. On the other hand, only the authorized users can enter the building after their identification has been identified using either the RF card or PIN.

Effective access control system alone could play a major role in preventing misfortunate events from occurring in the residential areas. Not only it contributes in creating safe residential environment, it also cuts down other additional costs that might be required in managing the area as it eliminates the needs for security guards and other security measures.

