DEVELCO
PRODUCTS

Keypad
## Enables secure access control

The Zigbee-based Keypad includes a tag reader and allows for users to enable and disable an alarm system using a pin code and/or an RFID tag. In addition, access data can be updated remotely via a gateway to facilitate access control.

Key features are:

- RFID tag reader
- Battery-powered
- Tamper-protected
- Buzzer and LED

Saves battery when not in use

The RFID only consumes energy when it is needed. The Keypad includes a sensor that detects when a person is within operating distance, which will enable the RFID and make the Keypad light up in the dark. This saves energy and allows for a longer battery lifetime.
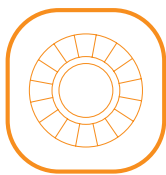
- **Easy installation**
- **Secure communication**
- **Intelligent backlight**

Numerous features and design options

The Keypad includes a tamper switch that detects opening of the unit, which makes it suitable for alarm systems. Also, the Keypad includes a programmable buzzer for indication of entry, exit, alarms, or any other indication needed in your solution. Red, Green, and Yellow LEDs are available for indications of alarms, etc.

The Keypad can be delivered in white for indoor use or in black for outdoor use. The device has 16 buttons that you can design to fit your solution. The Keypad can be mounted on the wall using screws or double-sided tape.

Keypad - Technical specifications
Model number: KEPZB-110

General

Dimensions (WxHxD)	90 x 90 x 22 mm
Color	White (Optional: Black)
Power supply	Battery: 4 x AA Alkaline
	Battery Life: 12 Months (Normal usage)
	Battery status and Warning
Radio	Sensitivity: - 100dBm
	Output Power: + 8 dBm
Environment	For indoor and outdoor use
	Operation Temperature: 0 – 50°C

Functions

Presence	Detection of person present (within 5 – 10 cm)
	Detection interval 500 ms (1s reaction)
Key Pad	'0' – '9' + 6 function buttons
	Backlight: On when unit active (person present) and light level low
RFID	Mifare reader.
	Reading distance: ~5 cm.

Communication

Wireless protocol	Zigbee 3.0
	Zigbee end-device

Certifications

	Conforming to CE, RoHS and REACH directives