



kNOw Touch

Touchless elevator control system puts your safety as our priority



Powered by HKPC's
Developed Technology



kNOw Touch

Enhancing passenger safety

kNOw Touch easily replaces conventional touch-based buttons with a sensor interface that requires no physical contact to activate.



Intuitive and simple

A reliable solution that is just as convenient as typical elevator buttons.



Zero contact

Passengers can select their destinations in a hygienic and contactless way.



Flexible and straightforward

Easy installation with various sensor length options to fit customer needs.

How does it work?

Simply by fitting a set of infrared sensors near the elevator operating panel, kNOw Touch allows passengers to safely select their destination floor by hovering their finger over the elevator button from a close distance.



For more information, check out our kNOwTouch press release through the link below:
<https://www.schindler.com/hk/internet/en/about-us/media/news/2021/schindler-in-hong-kong-launches-know-touch-contactless-elevator-control-panel.html>

Technical Specifications

Intuitive design

Key features

Operating Conditions

- Operating temperature: -20 to +65 °C
- Operating humidity: 5 to 95%
- Electromagnetic compatibility on radiated & conducted emission & immunity electrostatic discharge protection: Air discharge > +/- 12KV and contact discharge > +/- 8KV
- IP44 rating

Touch Performance

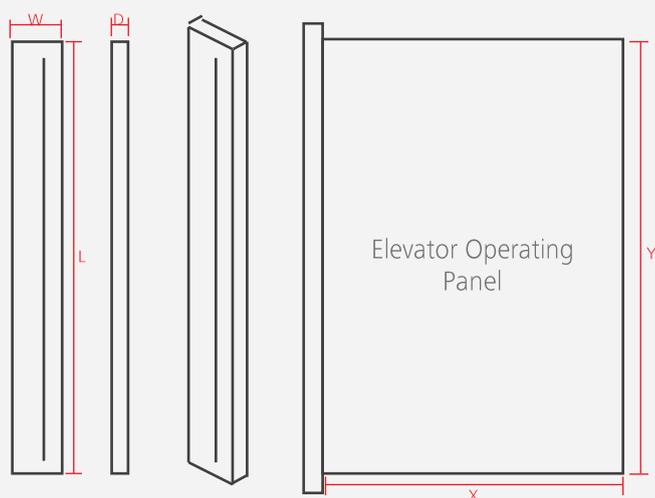
- Enables touch on any surface or in-air
- Minimum Object Size: 5.0mm
- Touch Resolution: 1.0mm
- Response Time: 10ms
- High Scanning Frequency: Up to 900Hz
- Low Touch Latency: 10ms
- Support multiple touches with high touch accuracy
- Configurable touch active area (calibration mode)
- Audible beep touch acknowledgement
- Advanced configuration via NFC connectivity

Interface (relay control)

- Various options to cover different sizes of effective sensing areas
- RS-485
- Baudrate: 9600bps–115200 bps, 8-N-1
- Support MODBUS RTU relay for coil control
- RGB LED for status indication

Power

- 5.0V, 1.0A.



Mechanical Dimensions

| | |
|-------------|-----|
| Length (mm) | 370 |
| Width (mm) | 30 |
| Depth (mm) | 20 |

Elevator Operating Panel

| | |
|--------|-----|
| Y (mm) | 346 |
| X (mm) | 325 |

We are always close by.

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