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Acugard II



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1. Appearance





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2. Features

Acugard II has new infrared technology which
uses a distance measuring system.

Specifically, Acugard II has been developed
to provide an EASY SETUP for installer



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2. Features

**A) Programming is just pressed and
released the Reset button.**

No potentiometer adjustments required.



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2. Features

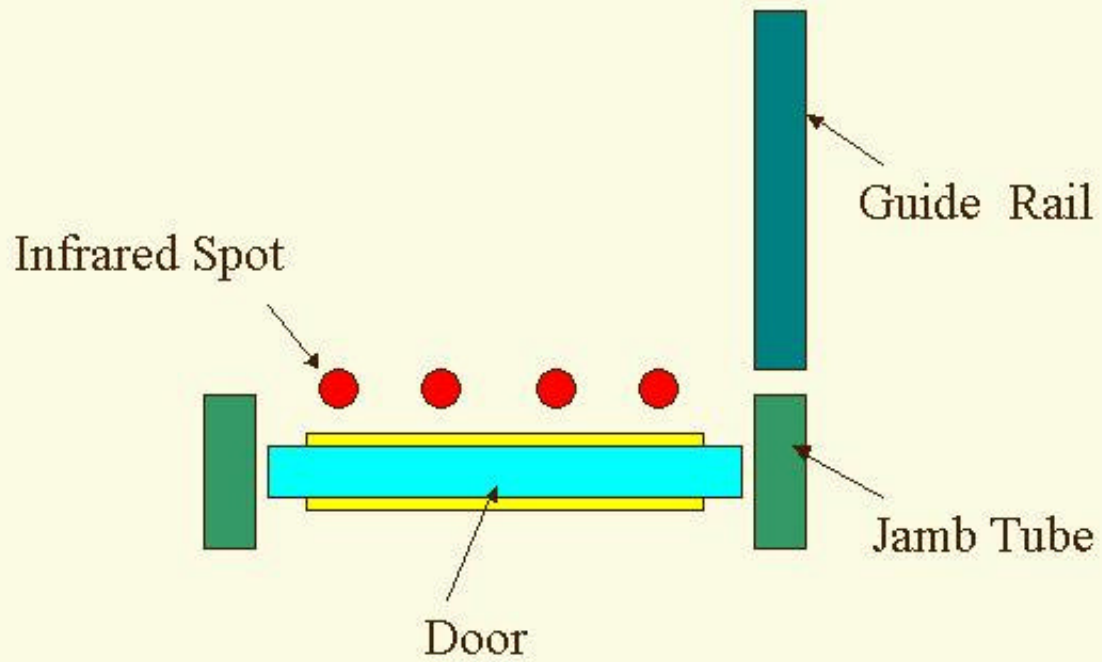
- A) Programming is just pressed and released the Reset button.
- B) In case of Encoder motor, Back-check cut off is required.
- C) High detection accuracy.

Background data is memorized using
encoder signals on each door position



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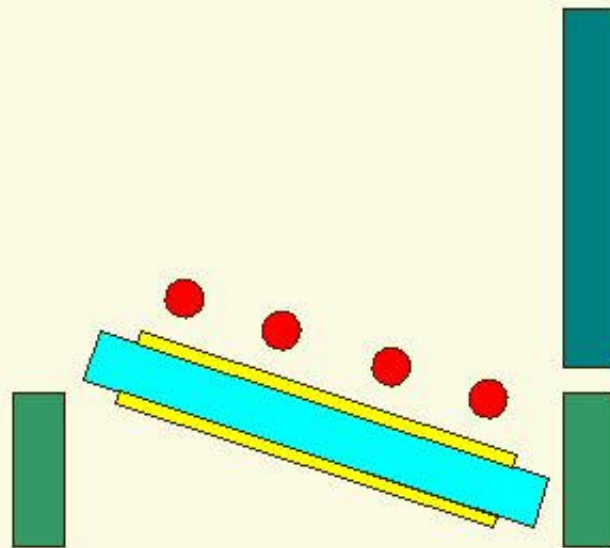
2. Features





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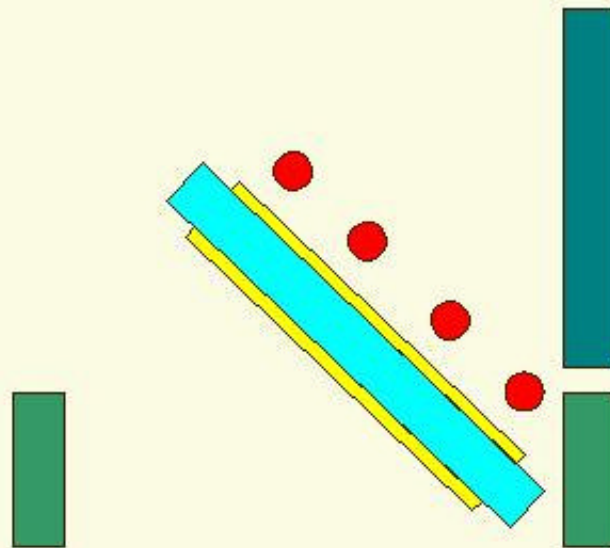
2. Features





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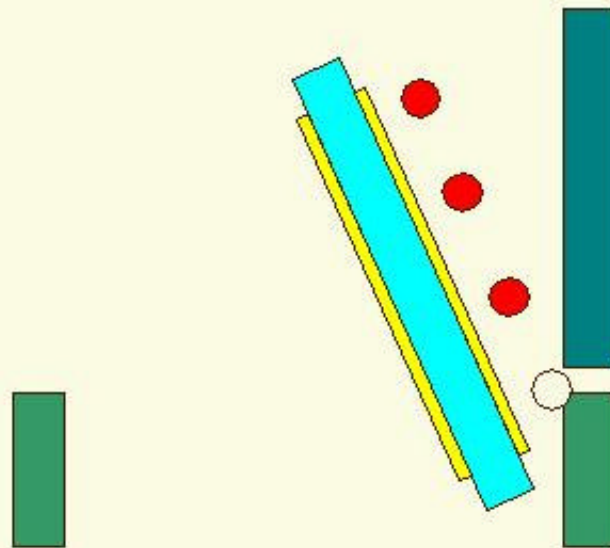
2. Features





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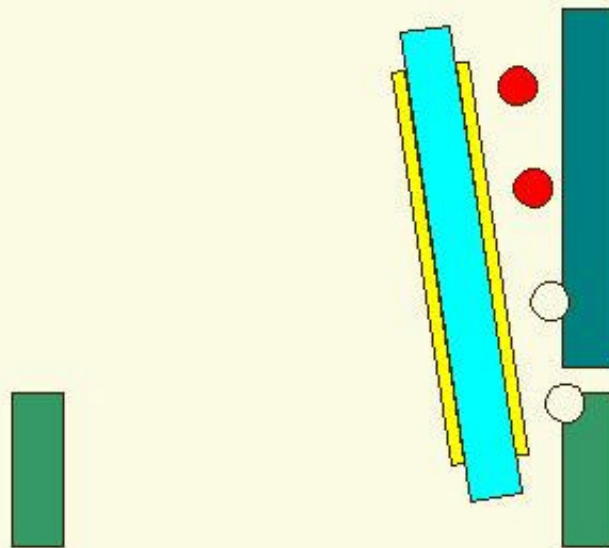
2. Features





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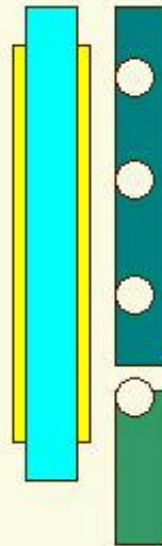
2. Features





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2. Features





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2. Features

- D) You can see the sensor condition
at a high luminosity LED indicator through lens.
- E) Self-diagnostic function provides.



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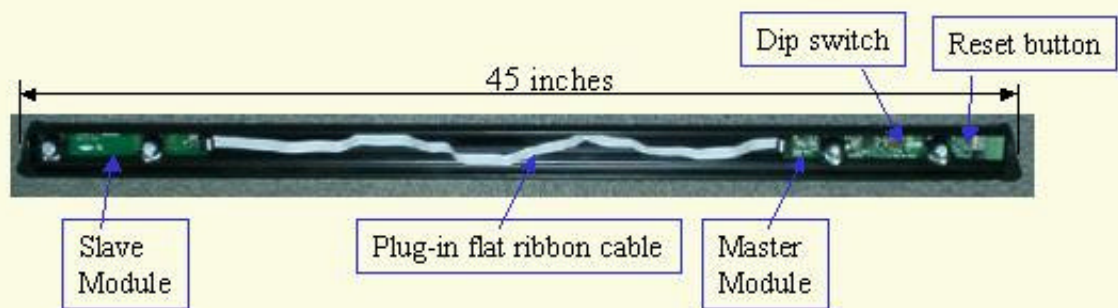
3. Sensing Area Image





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4. Structure



Side View





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5. Specifications

Products are under development. Specification may change during development.

A) Technology

New infrared technology distance measuring system.

B) Working Voltage

12V DC

(Transformer is available for analog control.)



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5. Specifications

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C) Power Consumption

$< 100 \text{ mA}$ a stick (at 12VDC)

D) Output Signal

Relay Output

Maximum Voltage: 30V AC/DC 1.0 A



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E) Operating Temperature

- 4 °F ~ 140 °F (- 20 °C ~ 60 °C)

F) Humidity

30 % ~ 90 % (Except Moisture)

G) Maximum Mounting Height

8' - 2" (2.5 m)



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H) Adjustments

- 1) Sensitivity : 4 options
- 2) Mutual Interference Prevention Mode:
4 options
- 3) Type of Motor : W/Encoder or W/O Encoder
- 4) Detection Area : “will not detect beyond 90°”
or “all area are detected”
- 5) Output hold time : 2.0 / 4.5 sec



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I) Dimensions

45" L x 2.0" D x 2.3" H (1152 mm x 50 mm x 58 mm)

