

# Door Ajar Sensor K101DA

## Secure Cold Chain and Sensitive Environments

Ensure integrity and safety in cold storage units, medical research labs, pharmaceutical fridges, and cleanrooms with our advanced Door Ajar Sensor. The system continuously monitors door status and instantly alerts personnel if a door is left open, protecting critical inventory, maintaining compliance, and reducing energy waste.

### Key Benefits

- ✓ Real-Time Alerts: Receive instant notifications via email, SMS, and push notifications when a door is left open beyond a set time threshold.
- ✓ Protect Temperature-Sensitive Goods: Prevent spoilage of pharmaceuticals, vaccines, or lab samples due to prolonged exposure to ambient temperatures.
- ✓ Reduce Contamination Risk: Maintain sterile environments by ensuring doors are properly closed in cleanrooms and controlled zones.
- ✓ Improve Energy Efficiency: Avoid unnecessary energy loss from open cold room or freezer doors.
- ✓ Customisable Alert Thresholds: Set time-based alerts for different storage areas to match operational needs.
- ✓ Easy Integration: Works seamlessly with existing temperature monitoring and compliance systems.



### Applications

- ✓ Medical research and clinical labs
- ✓ Pharmaceutical cold storage
- ✓ Hospital and retail pharmacy fridges
- ✓ Walk-in freezers and cold rooms
- ✓ Cleanrooms and sterile manufacturing areas
- ✓ Warehouses

### Specification

<b>Product code:</b>	K101DA	<b>Battery type:</b>	LithiumTiCl 3.6V 2Ahr. AA size
<b>Typical accuracy:</b>	+/- 0.2°C (1°F)	<b>Battery lifetime:</b>	5 years with 10-minute data transmission interval
<b>Radio frequency band:</b>	916MHz (USA) 868MHz (Europe)	<b>Size:</b>	Width 65mm (2 9/16") Height 50mm (2") Depth 36mm (1 3/8")
<b>Line of sight range:</b>	100 meters	<b>Enclosure:</b>	IP 66 Polycarbonate
<b>Reprogrammability:</b>	Reprogrammable over RF	<b>Weight:</b>	75g (2.65 oz)