

## **OT705 Residential Use Photo-electronic Smoke Detector**



### **Product Overview**

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With a unique optical sensing chamber designed to sense smoke particles produced by a wide range of combustion sources, OT705 stand-alone optical smoke detectors are well suited to effectively respond to a wide spectrum of fires including slow smoldering fires, often generated in households. This chamber is protected by a fine mesh screen, which can be cleaned or replaced. The detector has an advanced micro-controller inside which has automatic compensation for sensor contamination and complete self-diagnosis that can greatly reduce false alarm.

### **Characteristics**

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- Advanced photoelectric smoke sensing technology
- Built-in microprocessor and intelligent software
- Automatic drift compensation & daily calibration
- Test button for verify battery status and alarm operation
- Hush function to mute the alarm sound
- Low-battery warning
- Special methods for damp-proof, antiseptis and mildew-proof
- With inner mothproof net and shield cover
- SMT technology, firmly, high secure and anti-jamming.
- Mounting bracket and screws
- Easy install, move and maintain.

### **Specifications**

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Power Supply: 9V Battery      Standby current:  $\leq 12 \mu\text{A}$       Alarm current:  $\leq 30 \text{ mA}$   
Battery Life: 1.5 years (GP alkaline battery) or 10 years (ER9V lithium battery) under normal conditions  
Sensitivity:  $2.16 \pm 0.99\%/FT$   
Alarm Sound Level: Exceeding 85dB at 10 feet (3.05m)  
Low Battery Life: Up to 30 days warning signal  
Dimensions: Diameter 110.6 mm Height 47 mm      Weight: ~185g (include base and battery)  
Operating Environment: Temperature:  $0^{\circ}\text{C}\sim 55^{\circ}\text{C}$       Related Humidity:  $\leq 95\%$

### **Orena Sales and Service**

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