

## OT701 Residential Use Photo-electronic Smoke Detector



### Product Overview

With a unique optical sensing chamber designed to sense smoke particles produced by a wide range of combustion sources, OT701 series optical smoke detectors are well suited to effectively respond to a wide spectrum of fires including slow smoldering fires, often generated in households. The detectors are loaded with extra features and are available in a wide range of models.

### Characteristics

- Advanced photoelectric smoke sensing technology
- Sleek ergonomic design
- Very loud alarm horn
- Test button for verify battery status and alarm operation
- Low-battery warning
- Mounting bracket and screws
- Easy install, move and maintain.

### Options

- A: AC110/220/230V
- B: Battery backup
- R: Relay output
- I: Interconnection function allows for up to 20 additional units. If one of the detectors senses smoke, all of the interconnected detectors will also alarm hazardous situation.

Model	Power Source	Backup Battery	Interconnection	Relay output
OT701	9V Battery	-	-	-
OT701A	AC Power	-	-	-
OT701AB	AC Power	9V Battery	-	-
OT701I	9V Battery	-	✓	-
OT701AI	AC Power	-	✓	-
OT701ABI	AC Power	9V Battery	✓	-
OT701R	9V Battery	-	-	✓
OT701AR	AC Power	-	-	✓
OT701ABR	AC Power	9V Battery	-	✓
OT701ABIR	AC Power	9V Battery	✓	✓

### Specifications

Power Supply: 9V Battery; 100/110/120/220/230/240V<sub>ac</sub>, 50/60Hz      Sensitivity: 2.72 ± 0.99%/FT  
 Battery Life: At least 18 months (GP alkaline battery) or 12 months (Carbon Zinc) under normal conditions  
 Low Battery Life: Up to 30 days warning signal      Alarm Sound Level: Exceeding 90dB at 10 feet  
 Dimensions: Diameter 138 mm    Height 48.5 mm      Weight: ~235g (include base and battery)  
 Operating Environment: Temperature: 0°C~50°C      Related Humidity: ≤95%

### Orena Sales and Service

Shenzhen Orena Photonics Technology Co.,Ltd  
 Orena Bldg, Zhong An Industrial Park, Longjing Road, Nanshan District, Shenzhen, 518055, P.R.China  
 Ph: 86.755.2678.7499    86.755.2678.0655 x.2719      Fx: 86.755.2678.7499  
 E-mail: oem@orena.com.cn      www.orena.com.cn