




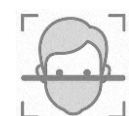








# IR Solutions

Product & Value sharing discussion

# Outline

	Capabilities		Smoke Detector
	Automotive		Robot Cleaner
	Industrial		Facial Recognition
	Renewable Energy		Outdoor Activities
	Surveillance		Heart Rate & Oximetry
	VR/AR		Roadmap

# Smart Home IR Solutions

## Green Products

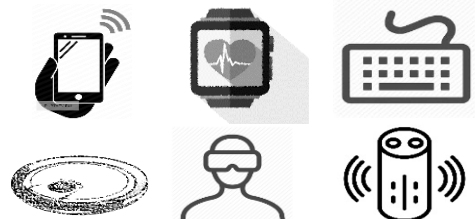


## Optical Touch



## Consumer Healthcare

1. Smart Remote Control
2. Smart Speaker
3. Wearable
4. Robot (Cleaner)
5. Gaming Keyboard
6. VR/AR



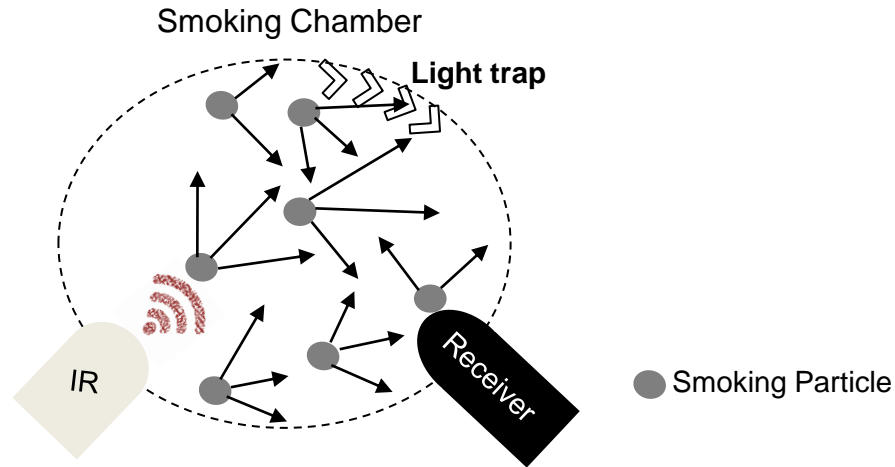
## Security & Safety

1. IP Camera Related
2. Smoking Detector
3. Smart Lock
4. Biometric



## Internet of Things

# Smoke Detector Solutions (THD Types)



## Infrared Emitting & Receiver

- ✓ Economic solutions vs. chemical types
- ✓ 470nm solutions for new UL standard



### LTE-2872 (UL)

Package Size: 5mm  
IR Wavelength: 940 nm  
View Angle: 16D

**New Type**

### LTE-10ABC(UL)

Package Size: 3mm  
Blue Wavelength: 470 nm  
View Angle: 15D

**New Type**

### LTE-40BB

Package Size: 5mm  
Blue Wavelength: 470 nm  
View Angle: 15D

### LTE-4208 (UL)

Package Size: 5mm  
IR Wavelength: 940 nm  
View Angle: 20D

**New Type**

### LTE-205X (UL)

Package Size: 3mm  
IR Wavelength: 940 nm  
View Angle: 30D

**New Type**

### LTE-483XRB (UL)

Package Size: 5mm  
Wavelength: 2 in 1 (466+940nm)  
View Angle: 16 / 20D



### LTR-536AD

Package Size: Side look  
Receiver Type: PTD

**New Type**

### LTR-323DB

Package Size: 5mm  
Receiver Type: PTD

**New Type**

### LTR-20GP

Package Size: 3mm  
Receiver Type: PTD



### LTR-323DL

Package Size: 5mm  
Receiver Type: PTD

**New Type**

### LTR-20GC

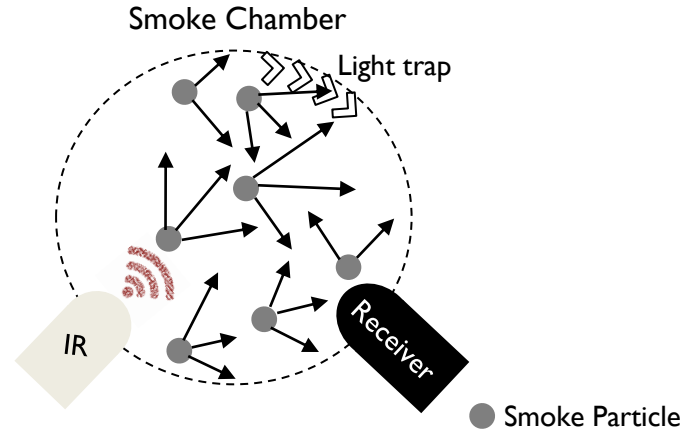
Package Size: 3mm  
Receiver Type: PTD

**New Type**

### LTR-483X

Package Size: 5mm  
Receiver Type: PTD

# Smoke Detector Solutions (SMD Types)



## Infrared Emitting & Receiver

- ✓ Economic solutions vs. chemical types
- ✓ 470nm solutions for new UL standard
- ✓ Customer can consider smoke chamber for SMD customized

### THD Forming Type



#### LTE-74BB Series

Blue Wavelength: 470 nm  
View Angle: 22D

#### LTE-7477L Series

IR Wavelength: 880 nm  
View Angle: 25D

#### LTR-733DL Series

Receiver Peak  
Wavelength: 880 nm  
View Angle: 30D

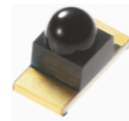


### New Type

#### LTE-C155 Series (Smoke detector)

Package Size: 3.2\*2.7\*1.1mm  
Wavelength: 2 in 1 (470 / 850nm)  
View Angle: 130D

**(New Develop; Samples Available)**



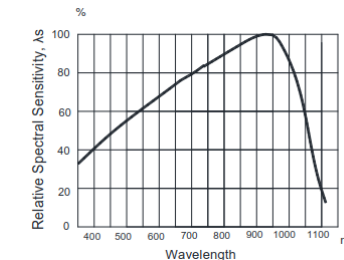
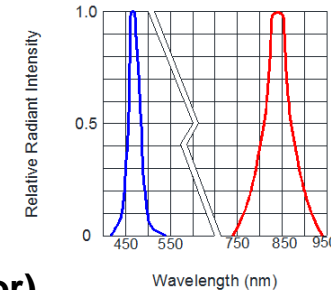
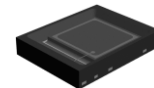
#### LTE-C9506B Series (Smoke detector)

Package Size: 3.2\*1.6\*1.85mm  
Wavelength: 850 nm  
View Angle: 20D

### New Type

#### LTR-C5040 (Smoke detector)

Package Size: 5.1\*4.0\*0.85mm  
PTD



**LITEON**

**光電節能 環境永續**

**Empowering A Green Future**