

Sunell, Your Reliable Partner



## Body-Temp. Detection System

[www.sunellsecurity.com](http://www.sunellsecurity.com)

 **SUNELL 景阳**

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**System introduction**

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**Body Tem. Detection camera**

# Real Time Detection



# Personnel File

智慧校园体温预警系统

2017/12/08 12:49:56

人员档案 新功能页

人员档案 +

- 南山区教育局
  - 沙河小学
  - 南头小学
    - 学生
    - 一年级
      - 1班
      - 二年级

学生

+ 录入 × 删除 ↓ 导入 ↑ 导出

□ 序号	姓名	性别	出生日期	编号	组织机构	类型	备注	操作
□ 1	王小妞	女	2010-08-05	1803020101	一年级/1班	学生		↙ ×
□ 2	王小胖	女	2010-05-05	1803020102	一年级/1班	学生	插班生	↙ ×
□ 3	郝开心	女	2010-12-02	1803020103	一年级/1班	学生		↙ ×

1 < 1 > 50 条/页 总数: 250

# Pre-warning Management

智慧校园体温预警系统

实时监测 新功能页

2017/12/08 12:49:56

设备

- 区教育局
- 南头小学
- 沙河小学
- 南头小学
  - 南头小学正门
  - 南头小学侧门
  - 南头小学操场

实时比对

南头小学正门 王小娟 女/二年级/34班/8岁 38.2°C

南头小学正门 林可 女/二年级/34班/8岁 37.6°C

南头小学正门 张思思 女/二年级/34班/8岁 36.8°C

南头小学正门 未录入 36.8°C

测温抓拍

38.2°C 37.6°C 37.6°C 37.6°C

测温报警

91%

12:00:12

南头小学正门 王小娟 女/二年级/34班/8岁 38.2°C

实测温度 38.2

超温确认 超温

疫情诊断 感冒

备注(选填)

☐ 批量处理当前人员的超温报警

确定 取消

2

**System introduction**

1

**Body Tem. Detection camera**



# Stylish Design



**Model :** SN-T5

**Features:** Temp. detection accuracy  $\leq 0.3^{\circ}\text{C}$   
Temp. detection Target up to 16  
Response time  $\leq 30\text{ms}$   
Temp. detection distance  $\leq 10\text{m}$

# Dual vision, Two channels, One IP

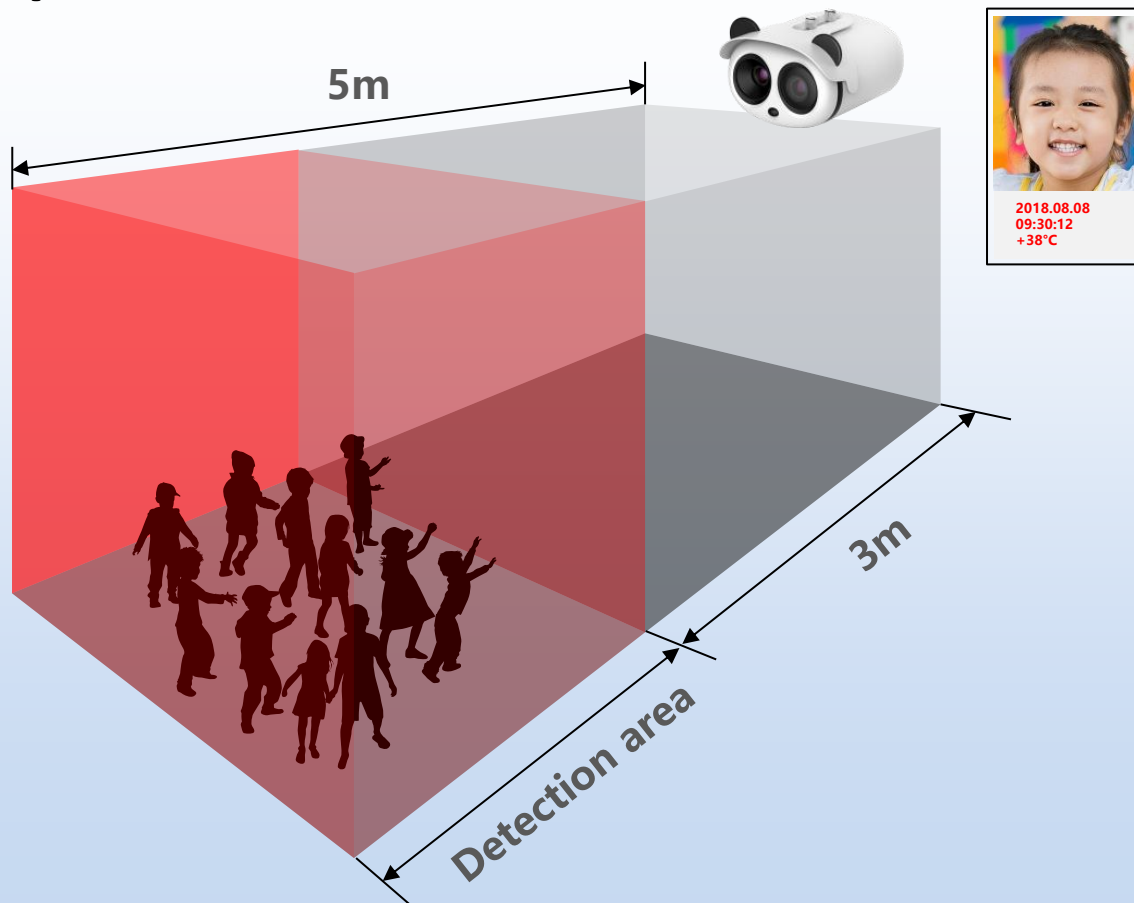


Dual vision, two channels, realize face detection with temp. detection simultaneously and overlay the temp. on the face

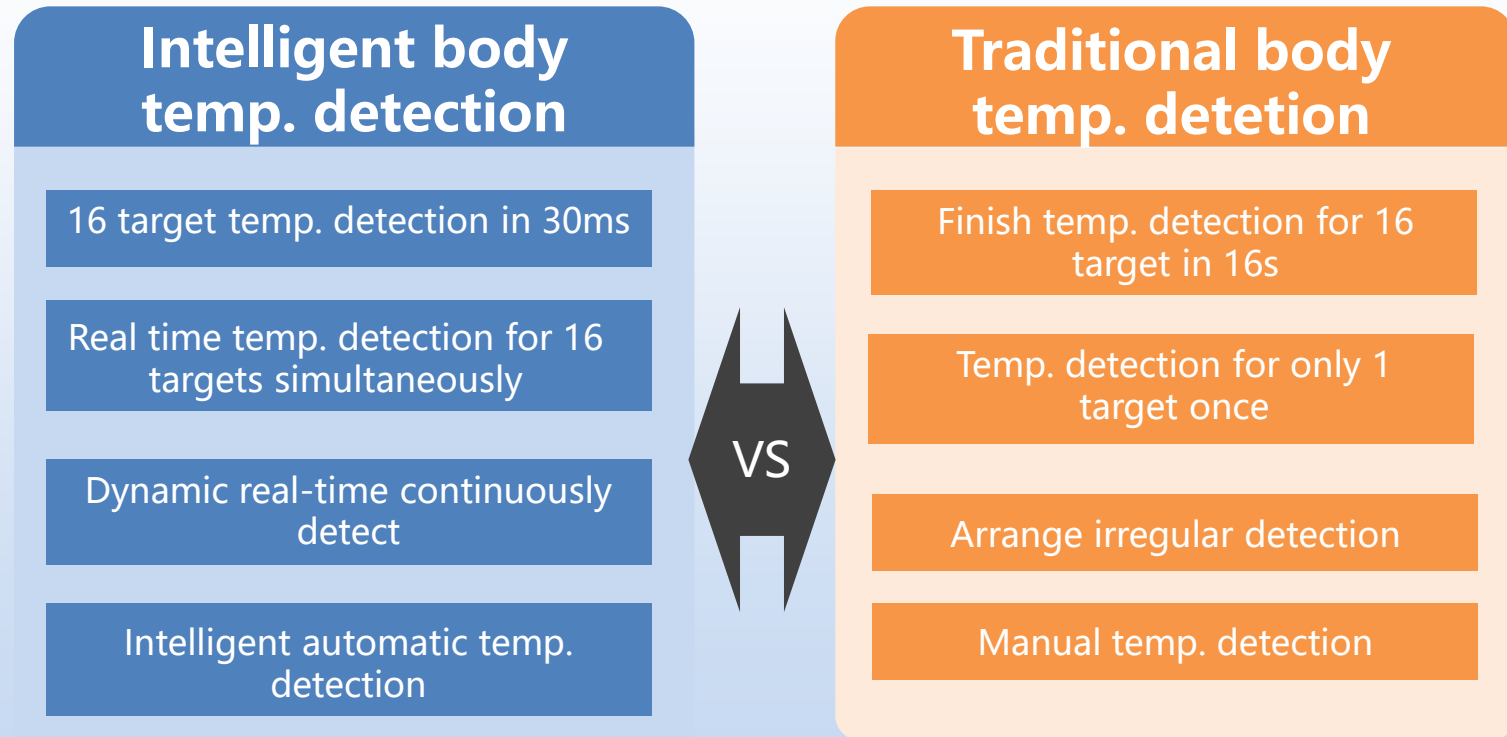


# Remote Temp. detection

Body temp. detection



# Multi-target quick temp. detection



# High accuracy body temp. detection



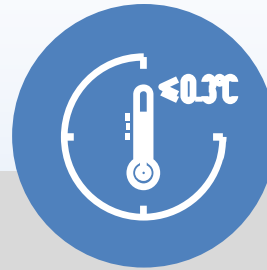
## In house temp. conversion algorithm

to convert human body surface temp. to body temp.



## In house temp. correction algorithm

Eliminate temp. drift caused by environment, distance, etc., ensure the camera work stably and reliably for long time



## Accuracy $\leq 0.3^{\circ}\text{C}$

Accuracy  $\leq 0.3^{\circ}\text{C}$   
( Emissivity, distance, environment temp. setting, etc.



## Face tracking

Embedded face detection algorithm, accurately locate the temp. to the target face

# Over temp. real time alarm



## Alarm I/O

2 In/2 Out alarm;  
External buzzer and alarm  
light supported



## Over temp. alarm

When detected over temp.  
trigger the alarm

# Application



School



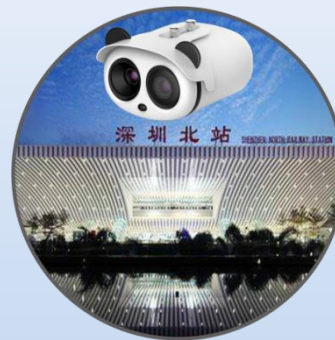
Custom



Hospital



Airport



Train station

