**Solution Introduction**

As the prison is presented with unique challenges due to crowding, close contact and shared quarters, Hikvision’s temperature screening solution is designed for the detection of skin-surface temperatures of inmates and staff in prison and helps staff remain healthy and available for duty, 

| Social visits, legal visits, contractor access, and volunteer visits control | Inmate movement: all inmate facility transfers will be checked the temperature of each person efficiently | Fast temperature screening of inmates and staff with elevated temperature alarm (pop-up image/audio warning) |

**Solution Components**

### Temperature Screening for Crowds in Open Areas

- **Thermal:** 384 × 288, lens: 10/13/15 mm, Optical: 2688 × 1520, lens: 4/6 mm
- **Simultaneous temperature screening for multiple persons (up to 30 persons)**
- **Accuracy:** ±0.3°C (with blackbody)
- **Measurement range:** 30-45°C

### Temperature Screening Metal Detector Door Solution

- **Temperature range:** 30-45°C
- **Temperature accuracy:** ±0.5°C
- **Measurement distance:** 0.3m – 3m
- **Support Sound & Light Alarm when detecting abnormal temperature or metal**

### Key Points by Patrolling Inspectors

- **Thermal:** 160 × 120, 6.2mm, 25° × 19°
- **Visible:** 2MP
- **Bi-spectrum image fusion:**
- **WIFI, Audio alarm**
- **Accuracy:** ±0.5°C
- **Range:** 30-45°C

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Additional information: Secondary manual measurement