



THE LAB EQUIPMENT

Email : [sales@thelabequipment.com](mailto:sales@thelabequipment.com)

Phone: +91-8759245890

**Product Name :**

Rapid Deployment Elevated Temperature  
Screening Station

**Product Code :**

SLE/HE/19



**Website:** <https://thelabequipment.com>, **Email:** [sales@thelabequipment.com](mailto:sales@thelabequipment.com)

plot. no.296. Sector 5. Vaishali. Ghaziabad. Uttar Pradesh 201010



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## Description :

Freestanding thermal elevated temperature camera system, fully configured viewing screen and client with automatic start up.

Temperature range 30°C to 45°C with accuracy range of + -0.5°C.

Pre-Configured plug and play.

Hands free operation.

Fast Screening of up to 30 people at a time.

Real time elevated skin surface temperature detection.

High Accuracy.

Artificial Intelligence to reduce false alarms.

Simple clear visual and audio alarms.

Simple fast installation.

Stand alone system just add power.

## Technical Specifications :

### Thermal Module

**Image Sensor:** Vanadium Oxide Uncooled Focal Plane Arrays

**NETD (Noise Equivalent Temperature Difference):** ? 40 mk (@25 °C, F# = 1.1)

**Lens (Focal Length):** 6.2 mm

**IFOV:** 2.74 mrad

**Max. Resolution:** 160 × 120 (the resolution of output image is 320 × 240)

**Pixel Interval:** 17?m

**Response Waveband:** 8 ?m to 14 ?m

**Field of View:** 25° × 18.7° (H × V)

**Min. Focusing Distance:** 0.6 m

**Aperture:** F 1.1

### Optical Module

**Max. Image Resolution:** 2688 × 1520

**Image Sensor:** 1/2.7" Progressive Scan CMOS

**Min. Illumination:**

**Color:** 0.0089 Lux @(F1.6, AGC ON)

**B/W:** 0.0018 Lux @(F1.6, AGC ON)

**Shutter Speed:** 1 s to 1/100,000 s

**Lens (Focal Length):** 8 mm

**Field of View:** 39.42° × 22.14° (H × V)

**WDR:** 120 dB

**Day & Night:** IR cut filter with auto switch

### Infrared

**IR Distance:** Up to 40 m

**IR Intensity and Angle:** Automatically adjusted

### Image Function

**Bi-spectrum Image Fusion:** Fusion view of thermal view and overlaid details of the optical channel

**Picture** Website: <https://thelabequipment.com>, Email: [sales@thelabequipment.com](mailto:sales@thelabequipment.com) Page on

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