# DS-MDH005-B
## Smart Onboard Temp Screening Terminal



## Introduction

Smart Onboard Temperature Screening Terminal DS-MDH005-B supports non-contact detection of skin temperature, mask detection, along with audio alarms to make the travel safe and convenient. It is specifically designed for onboard scenarios, applicable for various kinds of buses, coaches, etc..

## Key Feature

- 3 mm thermal imaging prime lens
- Min. temperature detection distance: 0.3 m
- 120 ×160 resolution
- Embedded high sensitivity detector
- Temperature detection range: 30 °C to 45 °C
- Temperature detection accuracy: ± 0.5 °C
- Scanning recognition(Optional)
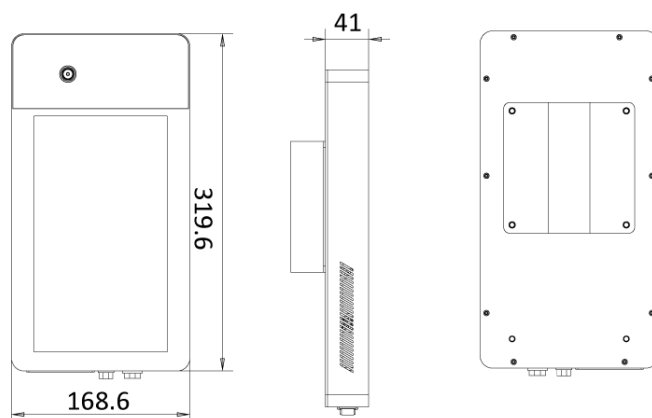
## Available Model

DS-MDH005 -B

## Specification

| IR Imaging | DS-MDH005-B |
|---|---|
| Detector | VOx micro-bolometer |
| Max. Image Resolution | 160 × 120 |
| Response Band | 8 to 14 µm |
| FOV | 50° × 37.2° |
| Lens | 3 mm, F1.1 |
| Temperature Detection Range | 30 °C to 45 °C |
| Temperature Detection Accuracy | ± 0.5 °C |
| Temperature Detection Distance | 0.3 to 2 mm |
| **Visible Light Imaging** | |
| Sensor | 1/2.7" Progressive Scan CMOS |
| Max. Image Resolution | 1920 × 1080 |
| **Screen** | |
| Size | 10.1" |
| Resolution | 1024 × 600 |
| Max. Brightness | 500 cd/m$^2$ |
| **General** | |
| Power Supply | 8 to 36 VDC |
| Dimension | 321 × 169 × 41 mm (12.6" × 6.6" × 1.6") |
| Network | 100 M Ethernet |
| Audio Output | Speaker |

## Dimension



319.6
168.6
41

Unit: mm