



SenseThunder-E Mini

AI無感體溫檢測助復工抗疫
Resume Operation Safely with Contactless AI Thermal Scanner

在疫情肆虐期間，實施體溫檢測已是各行業日常營運不可或缺的一部分。現時大部分情況使用手持的體溫儀量度體溫，不但增加了近距離接觸引致感染的風險，對於高人流的環境亦會加重了人手上的分配及產生不必要的停留和聚集。

有見及此，第一線集團引入了由全球領先的人工智能公司商湯科技(SenseTime)開發的**SenseThunder-E Mini** - 非接觸式熱成像測溫一體機。結合人臉識別及AI熱成像體溫分析，可於1.2米距離內以少於0.5秒速度測溫，誤差不超過 $\pm 0.3^{\circ}\text{C}$ ，並加入了口罩配戴提示功能。同時，後台還可對異常情況作出智能分析及管理，有效降低疫情傳播機會。

Conduct measurement on body temperature becomes an essential part of operation under the pandemic. Hand-held scanners, which currently dominate the measurement, raise the risk of physical contact-based infection and create in an issue of heavy manpower for those operations with high traffic.

In view of this, DYXnet Group introduces a 2-in-1 contactless temperature measurement - **SenseThunder-E Mini** which is developed by SenseTime, the world's leading artificial intelligence (AI) company. By integrated facial recognition with AI-empowered thermal scanner, it is designed to get temperature screening from up to 1.2 metres away in less than 0.5 seconds, with an accuracy of $\pm 0.3^{\circ}\text{C}$. It also includes the mask detection function and all abnormal situations could be made an intelligence analysis and managed on backend platform to minimize the spread of pandemic.

核心功能 Core Functions



人臉識別
Facial Recognition



口罩配戴提示
Face Masks Detection Function



無接觸式智能測溫
Contactless Measurement



出勤記錄
Attendance Taking



準確測量
Accurate Measurement



實時檢測
Liveness Detection

主要特點 Key Features

- 內置AI人臉及額頭偵測
Build in AI with human face and forehead detection
- 智能偵測人臉額頭區域逾1萬多點
Intelligent detection of 10,000 temperature points
- 於1.2米距離內無感測溫
Contactless temperature screening from up to 1.2 metres away
- 量度誤差不超過 $\pm 0.3^{\circ}\text{C}$
Body temperature measurement accuracy of $\pm 0.3^{\circ}\text{C}$
- 0.5秒快速量度體溫
Measurement speed in maximum 0.5 seconds



高度：大約1.5米
Height: Approximate 1.5M

簡易安裝

Easy installation

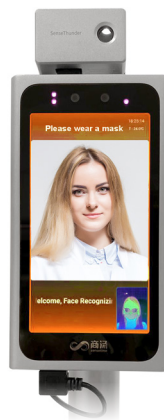
不需使用電腦及其他設備
No computer and other requirement



成功 體溫正常
Success-Normal Temperature



體溫異常
Abnormal Temperature



沒有配戴口罩出現警示
Deny-without mask

毋須除下口罩亦能準確量度體溫

Measure the temperature accurately without pull down the mask

戴上口罩只有半個鼻樑外露亦能達到85%高度識別
85% recognition rate for mask users with half bridge of the nose outside

監控配戴口罩行為

Regulate mask wearing behavior

沒有口罩就不能通行
No mask, No access

應用場景 Application Scenario

- 適合辦公室、餐廳、商業大廈、購物廣場、學校、酒店及工廠等等
Suitable for Offices, Restaurants, Commercial Buildings, Shopping Malls, Schools, Hotels and Factories, etc.
- 可安裝在入口閘門上或獨立設置在沒有閘門的通道
Install on gate entrance or aisle without gate control

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