SenseThunder-E mini

AI無感體溫檢測機，有助復工與抗疫

Resume Operation Safely with Contactless AI Temperature Screening Device

在疫情肆虐期間，實施體溫檢測已成為各行業日常營運不可或缺的一部分。現時大部分企業使用手持的體溫儀量度體溫，不但提高了近距離接觸所引致的感染風險，還加重了企業的人手壓力。對於人流密集區域，人手測溫方式需時較久，亦增加排隊聚集而導致的潛在病毒傳播風險。

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，結合了SenseTime最新的電腦視覺技術和深度學習算法來識別及檢測額頭10,000多個溫度點，以準確有效地檢測出最高額頭溫度。為了降低病毒傳播風險，SenseThunder-E mini最遠能夠從1.2米距離外測溫，也能為戴著口罩的已註冊員工記錄出勤。

Conducting body temperature screening has become a routine business operation under the pandemic. Hand-held scanner, a common temperature screening device used by many businesses, may pose risks for infection due to the close contact, and requires additional manpower. For crowded areas, screening temperature manually is time consuming which may increase the risks of cross contamination due to queuing and gathering.

In view of this, DYXnet Group introduces an AI-enabled all-in-one contactless temperature screening device - **SenseThunder-E mini** which is developed by SenseTime, the world's leading artificial intelligence (AI) company. It leverages SenseTime's latest computer vision technology and deep learning algorithms to identify and detect over 10,000 points across the forehead, to accurately and effectively screen the highest temperature area. To mitigate infection risk, SenseThunder-E mini is able to do contactless temperature screening from up to 1.2m away and identify a registered employee even when he/she is wearing a mask.

核心功能 Core Functions

無接觸式智能測溫
Contactless Measurement

口罩配戴提示
Face Mask Detection

準確測量
Accurate Measurement

活體檢測
Liveness Detection

出勤記錄
Attendance Taking

門禁控制
Access Control

主要特點 Key Features

- 1.2米距離內無感測溫
  Contactless temperature screening from a distance of up to 1.2 metres

- 量度誤差不超過±0.4℃
  Body temperature measurement accuracy of ±0.4℃

- 0.5秒快速量度體溫
  Measurement speed less than 0.5 seconds

- 可檢測並禁止疑似發燒或沒有配戴口罩人士出入
  Able to deny access to individuals with a suspected fever or who are not wearing a face mask

- 可檢測人臉以記錄出勤
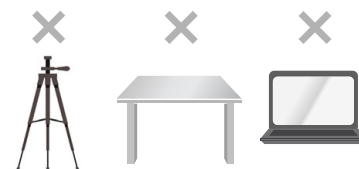 Attendance-taking via facial recognition technology

高度：大約1.5米
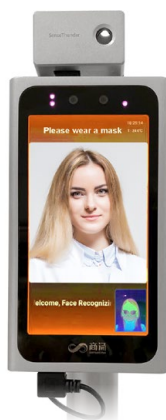Height: Approximately 1.5M

簡易安裝
Easy installation
無需配合其他設備安裝
No other equipments required for installation

出入允許：體溫正常
Access Permitted: Normal Temperature

出入禁止：體溫異常
Access Denied: Abnormal Temperature

出入禁止：沒有配戴口罩
Access Denied: Without Mask

無須除下口罩亦能準確辨認已登記人士
Recognize registered individuals accurately without removing the mask.
戴上口罩並只有半個鼻樑外露亦能達到85%識別準確率
Recognition accuracy of registered individuals with masks can reach 85% when half of the nose bridge is exposed

口罩配戴提示
Face Masks Detection Function
沒有口罩就不能通行
No mask, No access

應用場景 Application Scenarios

- 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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