

SensePass Pro

Face Recognition All-in-one Device

www.sensetime.com

Powered By:



商汤
sensetime





ABOUT US

SenseTime is a global company focused on developing innovative AI technologies that positively contribute to economies, society and humanity. It is also the world's most-funded AI pure-play with the highest valuation.

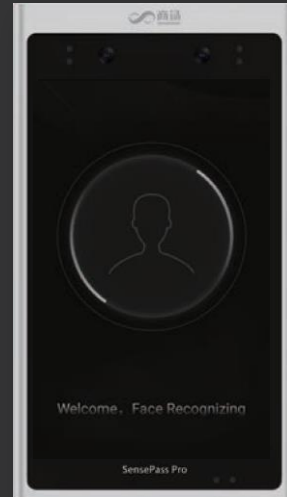
We have made a number of technological breakthroughs, one of which is the first ever computer system in the world to achieve higher detection accuracy than the human eye. With our roots in the academic world, we invest in fundamental research to further our understanding and advance the state of art in AI technology. We are a global team of talented individuals with over half dedicated to research and development activities. This has made us a leading global AI algorithm provider and one of the most prolific contributors of related papers in the research community.

The deep learning and computer vision technologies we have developed are already powering industries spanning across education, healthcare, smart city, automotive, communications and entertainment. Today, our technologies are trusted by over 700 customers and partners around the world to help address real world challenges. Going forward, we strive to empower more industries with our AI platform and build a stronger AI ecosystem together with industry and academia.

SenseTime has offices in Hong Kong, Mainland China, Japan, and Singapore. For more information, please visit SenseTime's website as well as LinkedIn, Twitter and Facebook pages.

PRODUCT INTRODUCTION

Powered by SenseTime's latest deep learning intelligent facial recognition algorithm and dual camera infrared liveness detection technology, SensePass Pro can perform functions such as facial recognition, authentication verification and identity verification. It applies to various situations of access control under complex lighting conditions such as strong backlighting, distant or dim lighting environments, with accurate attendance management and guest greeting functions. It can be used in office buildings, campuses, schools, train stations, corporations, government agencies, tourist attractions and other venues for intelligent security management, and can enhance access efficiency and overall experience significantly.



PRODUCT HIGHLIGHTS



Modern Design

Thin and full metallic body



Automatic Exposure Adjustment

Well-adapted to varying lighting conditions such as strong light, dim light and backlight



Multiple Verification Modes

Supports face, card, QR Code, ID or combined verification modes



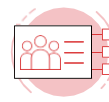
Guest Greeting

Connected with HIMID to big screen to provide a distinguished welcoming experience



Convenient to Use

OOTB with POE power supply



Multi-face Mode

Supports concurrent verification of up to three people, enhancing the access efficiency

PRODUCT FUNCTIONS



Facial Recognition

Automatically capture facial images, extract facial attributes, and recognize faces fast and accurately.



Liveness Detection

Effectively measure against 3D printing, electronic screens, videos, pictures, masks, hoods, and other spoofing attacks by the binocular infrared liveness detection.



Identity Verification

- ★ Supports 1: N face image comparison in the database to **verify identity accurately**.
- ★ Supports IC card, ID card reader to achieve cross comparison between faces and IDs.



Access Management

Supports customized access for employees and visitors by time and location.



Guest Greeting

Presents welcoming message and photo wall to provide a distinguished welcoming experience.



Single/Multi-face Mode

Supports customized access modes. Single-face mode is suitable for door and gantry control; Multi-face mode is suitable for reception and attendance management.

USAGE SCENARIOS



Buildings

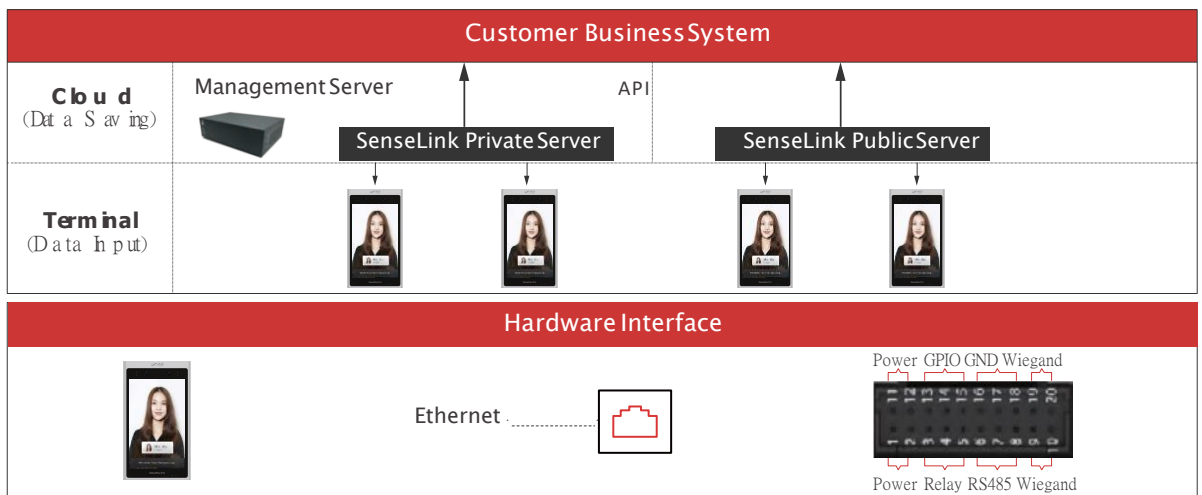


Industrial Parks



Government agencies

ARCHITECTURE



APPLICATION PARAMETERS

| | |
|----------------------|--|
| Model | SPS020-PRO |
| Recognition Accuracy | >99% |
| Avatar Capacity | 50,000 |
| Weight | 700g |
| Dimension | 235mm*132.8mm*19mm |
| Case Material | Aluminum alloy/Silver |
| Camera | RGB Camera: 2 million pixels |
| Screen | IR Camera: 1.3 million pixels |
| | 3x 940nm, infrared supplemental lighting |
| | 8 inches multi-touch capacitive touchscreen |
| | Ethernet : 10/100/1000Mbps |
| Communication | WIFI: IEEE802.11 b/g/n (2.4G) |
| Interface | USB2.0, Relay COM/NO/NC, RJ45, RS485, Wiegand, GPIO, HDMI |
| OS | Android 7.1 |
| Service Environment | Indoor |
| Working Temperature | -20°C~60°C |
| Working Humidity | 5%~93% Condensation-free |
| Installation | Wall-mounted, Junction box (86x86mm), standing, rack-mounted(for speed gate) |
| Power | Adapter: DC12V-2A POE: PSE Class 4 (IEEE802.3at) |

Bracket Accessories

| Model | SPS020-Bracket01 | | SPS020-Bracket02 | |
|------------|------------------|---|--|--|
| Parameters | Rendering |  |  | |
| | Installation | Attached to a gantry | Free-Standing | |
| | Dimension | 227.00 * 67.30 * 70.47(mm) | 1350 * 300* 70.47(mm) | |
| | Material | Aluminum alloy | | |
| | Color | Silver | | |

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