SenseDrive provides comprehensive in-vehicle driver monitoring solutions including face recognition, fatigue detection, attention detection, and gesture recognition. It fulfills in-vehicle safety assurance, drive-assistance, interaction and entertainment demands.

**PRODUCT HIGHLIGHTS**

- **Support RGB and infrared cameras**, satisfying the complex lighting conditions inside the vehicle.
- **Provide liveness detection** and prevent against hacking attempts through the usage of facial identity theft or obstruction.
- **Support embedded offline solutions and cloud solutions**.
- **Support X86, GPU, ARM, and other hardware platforms**, as well as Linux and Android systems.
- **Only require one additional camera at low cost**.
- **Apply highly optimized core technology to enable millisecond responses**.

**APPLICABLE SCENARIOS**

1. Shared car driver management via Face ID (Face Detection)
2. Transportation / Business Fleet Management (Fatigue and Attention Detection)
3. Level 3 autonomy: Human-machine Control Transfer (Attention Detection)
4. Digital Cockpit and Entertainment Interface Control (Gesture Recognition)
SenseDrive
Driver Monitor System
SenseCare Smart Healthcare Platform

SenseCare Smart Health Platform is developed by SenseTime with independent intellectual property. Based on medical big data, the platform is committed to providing intelligent applications that meet the needs of various clinical areas. With state-of-the-art AI algorithms and advanced 3D post-processing functions, SenseCare platform efficiently assists doctors in diagnosis, treatment planning, etc.

PRODUCT HIGHLIGHTS

- Support the rapid and accurate analysis of a multitude of diseases from multimodal data, such as for lung nodules, orthopedic diseases, radiotherapy planning, brain diseases and cardiovascular diseases, etc.
- Provide a variety of intelligent functions conforming to doctor’s workflows for clinical diagnoses, surgical planning and follow-up management.
- Support log-in from a variety of devices such as computers, tablets or smartphones anytime and anywhere in or outside of the hospitals.
- Enjoy high performance and concurrency to meet the need for simultaneous use across different departments.
- Preserve data in the hospital to ensure the data security.
- Based on clinical applications, provide powerful visualization in medical imaging, such as 3D rendering, maximum projection image reconstruction, blood vessel reconstruction and curved planar reformation, etc.

APPLICABLE SCENARIOS

1. Medical Image Diagnosis
2. Smart Surgery Planning
3. Disease Follow-up Management
SenseCare
Smart Healthcare Platform
SenseFace
Face Big Data Platform

Based on deep learning algorithms, SenseFace provides real-time face recognition, facial capture, location tracking, and data analysis for urban scenarios so as to provide a comprehensive solution for public security, criminal investigations, and city governance.

PRODUCT HIGHLIGHTS

Offer real-time face recognition with hundreds of thousands of video streams in urban scenarios

Enable facial capture and location tracking with billions of faces captured

Support facial-recognition-based real-time monitoring with millions of faces captured

Boast a static database search within billion-class image databases

Open up possibilities of rich business applications

Enable flexible deployment with distributed GPU clusters

APPLICABLE SCENARIOS

Traffic arteries, Customs, airports, borders
SenseFace
Face Big Data Platform
SenselID provides a 13.3 inch ID authentication terminal used for identity verification. This device reads ID card information, compares the holder’s live photo with the ID card photo and synchronizes the results on the screen. Based on deep learning and facial recognition algorithms, SenselID has a high recognition speed and accuracy. It verifies personal identity within 1 second, thus effectively preventing identity theft.

**PRODUCT HIGHLIGHTS**

**Simple and integrated design:** ID card reader, camera, ARM embedded chip and touch screen in one integrated machine, which can be easily used and flexibly deployed.

**Support single and double screen:** It has 13.3-inch main screen and 8-inch / 13.3-inch secondary screen. The secondary screen can be freely disassembled to meet the needs of customers in various scenarios.

**High adaptability:** supports local offline and online scenarios.

**Fast recognition speed and high recognition accuracy:** facial recognition can be completed within 1 second, and the recognition accuracy rate is 99.4% (1 / 1000 error rate).

**High system security:** it supports liveness detection, and therefore effectively avoids attacks like printed pictures, screen reproduction, mask models and other kinds of

**APPLICABLE SCENARIOS**

1. Finance apps, online service platforms for mobile service providers
2. Self-service smart terminals in banks, government offices
3. Hotels, banks, airports, railway stations, telecom business hall etc.
SenseID
Authentication Services
SensePass
Facial Recognition Terminal

Based on deep learning technology and facial recognition algorithms developed by SenseTime, SensePass Facial Recognition Terminal can achieve personnel identity verification, as well as personnel entry, exit and attendance management, thereby being widely used in office buildings, Industrial parks, schools, governments, scenic spots and other places to help achieve intelligent security control.

PRODUCT HIGHLIGHTS

Fast and accurate recognition: facial recognition can be completed in 0.3 seconds, and the recognition accuracy rate is higher than 99%

Recognition library with large capacity: the facial recognition library contains 20,000 people when connected to recognition server

Support multiple recognition modes: facial recognition and a combination of IC card and QR code, etc.

A wide range of applicability: support Wiegand Protocol, as well as connection to all kinds of attendance systems

Efficient data management: implement personnel management, attendance management, visitor management, equipment management

APPLICABLE SCENARIOS

Office buildings, industrial parks, schools, governments
SensePass
Facial Recognition Terminal