Facial Recognition Software V3.037
TS-8612FR

Description:

The facial recognition software is mainly based on the existing open-source facial recognition technology, and supports the core facial recognition function by remote invocation. It needs to be used with software such as facial information entry client and facial recognition login client.

Feature:

* Based on the open-source ICE middleware technology, it supports clients of any programming language on any operating system to seamlessly access and call the core function interface of facial recognition according to the established protocol.
* Facial Detection: detect whether there is a face that meets the multi-dimensional judgment requirements in the image and return the page of the rectangular facial recognition frame.
* Facial Feature Extraction: extract and feed back the facial feature information in the image.
* 1:1 Facial Comparison: detect whether the two faces in these pictures are the same person to get the facial similarity data.
* 1:N Facial Search and Recognition: compare any face with all facial data in the database to achieve 1:N facial recognition.
* Accurate recognition: millisecond-level recognition processing speed, and the recognition accuracy rate reaches 99%.
* Support offline deployment: it can be used in the intranet environment, and support localized deployment to ensure data security.
* Support multi-dimensional facial attribute detection to increase the security of facial recognition: facial integrity calculation, facial 3D calculation, facial occlusion judgment, eyes closed state judgment, biometric detection and judgment, etc.
* Support concurrent invocation from multiple clients.

Specification:

Model	TS-8612FR
CPU	Dual-core processor 1.8GHZ and above; it is recommended to use a CPU with accelerated instruction sets, such as AVX, FMA and OpenMP, etc.
Memory	4G and above
Network card	Gigabit network card or above
Operating system	CentOs 7.4 and newer versions