FA10M

Visible Light Face Recognition Module

Overview

FA10M is a high-performance face recognition module that integrates visible light and near-infrared face collection. Latest advancements in visible light recognition technology allow FA10M to read multiple faces simultaneously, even in motion, from distances up to 20 feet (6 meters).

Its compact design enables it to be flexibly embedded into various types of devices. (i.e. employee time clocks, POS terminals, industrial keyboards, ATMs, medical safes, voting machines, etc.).

FA10M supports standard USB communication and third-party development integration of Windows, Android, and Linux systems.

Features

- Highly accurate & convenient supporting both visible and infrared light

- Read range up to 20 feet (6 meters) and 30 degrees camera angle

- USB plug and play

- Compact design, be applied to various industrial device integration

- Supports Windows, Linux, Android and embedded systems.

Specifications

CMOS Chip	PS HDR CMOS 1/2.7 Photosensitive sensor
Effective Pixels	1920(H) x 1080(V) /640(H) x 480(V)
Clarity	HD 1080P / 480P
Pixel Size	3.0um*3.0um
Illumination	0.1Lux/F2.0
Frame Rate	1920*1080 at 30fps
	1280*720 at 30fps
Signal Noise Ratio	≥45dB
Synchronize	Internal synchronization
Dynamic Range	70DB
Camera Shot	M8 shoot (650 optical filter，Horizontal viewing angle：65°，Vertical viewing angle: 40°)
Video Output	MJPG/YUY
Power Supply	USB 5V
Power Consumption	570MA ± 5%
USB Interface	5pin 1.25mm USB2.0
Working Temperature	-10°C ~ 55°C (Humidity : 10%RH ~ 95%RH)
Size	60mm x 22mm x 18.3mm

Product Size