

Rosnes corporation

Small module with wide angle and long distance human detection **HUMAN DETECTION MODULE**

ABSTRACT

HUMAN DETECTION MODULE is realized not only by wide angle and mega pixel camera module but also by CPU-extensive detection algorithm. The module is small, but can cover wide angle and long distance human detection and gesture recognition. The use is for consumer electronics, automobile, and surveillance.

HUMAN DETECTION AND GESTURE RECOGNITION

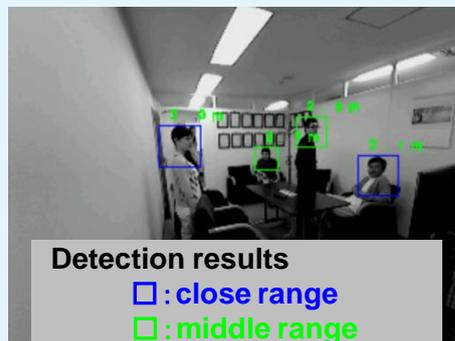
This module not only can detect person's position and distance but also can recognize human hand's shape. The output of distance detection results is divided into close range, middle range, and long range. Gesture recognition can output the result of which one is gestured among "rock" and "paper" of left hand and right hand.



WIDE ANGLE MEGA PIXEL CAMERA and CPU-EXTENSIVE DETECTION ALGORITHM

In order to expand the detection area,

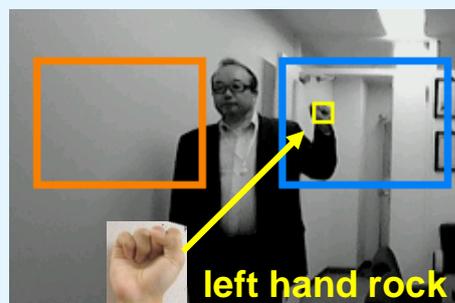
1. Angle of view is expanded by wide angle lens
2. Total pixels are increased not to degrade the resolution even if angle of view is expanded.
3. CPU-extensive algorithm is used not to degrade the detection speed even if total pixels are increased.



WIDE ANGLE and LONG DISTANCE

You don't need to prepare many modules because our module can cover wide angle and long distance by ONE module.

This module is the only one which can support wide angle and long distance.



About Rosnes

Rosnes corporation is a Japanese provider of imaging products. Rosnes provides camera modules and IP camera with intelligent signal processing soft wares. Rosnes also provides intellectual property and design services, enabling the development and production of CMOS image sensors. For more information, visit <http://www.rosnes.jp>

**HUMAN DETECTION MODULE WILL BE DISPLAYED AT
2015 CES, Jan. 6-9.
VISIT ROSNES AT CES, IT/WIRELESS ZONE!!**

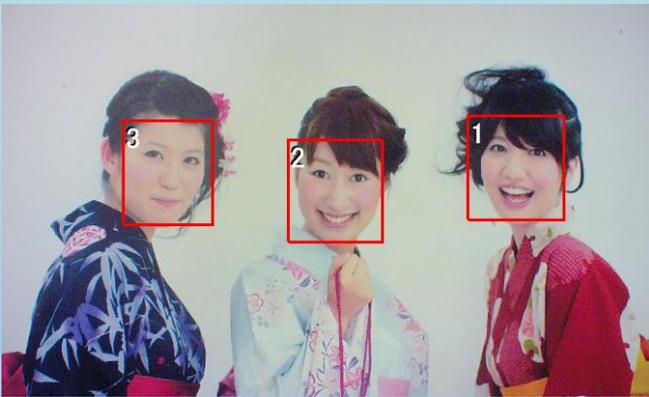
◆ Recognition Camera ◆

Not only detecting human face but also identifying individual are usable !
We can offer network camera with recognition software !

Strong points of Rosnes recognition camera !

1 Face recognition !

Human face can be recognized.



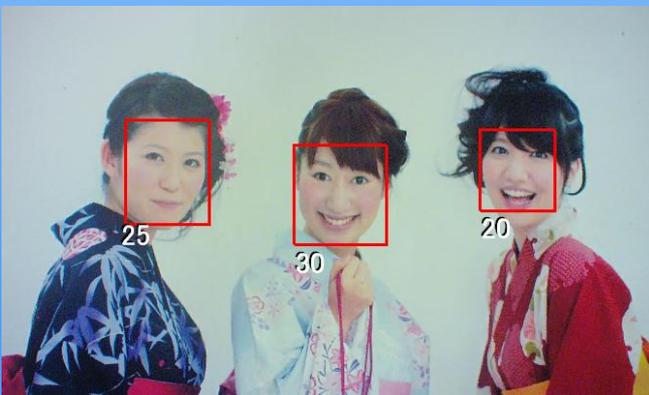
2 Face registration !

The feature of human face is registered.



3 Age Estimation !

Age can be estimated.



4 Eye Gaze Detection !

Eye gaze direction can be detected.

