

Embedded Controller • Fast Face Detection • Fully supplied Kit
• Long life operation • Strong Metal Allow cast durable case.

Introduction

The RE-ACTD temperature detector, and face recognition controller. Alarm voice sound when a person's temperature exceeds the setting can detect a person's face from a user database. And also has a wearing a mask function to allow/disallow access.

Features

- » German-made Temperature Sensor, with an accuracy of $\pm 0.3^{\circ}\text{C}$.
- » Temperature Taking time $\leq 500\text{ms}$.
- » Elevated Temperature alarm, access restricted.
- » Face Recognition accuracy $\geq 97\%$
- » Support recognition with a mask.
- » Support living object detection, avoid picture fraud.
- » Support Multi-language IE and speaker
- » Free professional VMS to export data, attendance, and people counting.



Hardware	
Solution	Linux Embedded OS (Non-Android) 16GB MMC
Display	High Resolution 7" IPS Panel
Camera Image Sensor	1/2.7" CMOS

Camera Parameters	
Effective Pixels	2MP @ Full HD 1920x1080
SNR	$\geq 50\text{dB}$ (AGC OFF)
WDR	$\geq 80\text{dB}$

Face Recognition	
Detection Height	1.2—2.2Meters [3.9—7.2Feet]
Detection Distance	0.5—3 Meters
Viewable Angle	Vertical ± 30 degrees
Function	22,400 Face database capacity. record logging of 100,000 entries.

Temperature Sensor	
Thermo Range	$30^{\circ}\text{C} - 45^{\circ}\text{C}$ [$86^{\circ}\text{F} - 113^{\circ}\text{F}$]
Accuracy	$\pm 0.3^{\circ}\text{C}$ (Model RE-ACTD-G) $\pm 0.5^{\circ}\text{C}$ (Model RE-ACTD-T)
Reading Distance	≤ 1 Meter (default 0.5M)
Response Time	$\leq 500\text{ms}$

Connection	
Interface	RJ45 10M/100M Ethernet
Weigand Port	Supports output 26 and 34 bit.
Alarm Output	1 Channel relay Output

General	
Power Input	DC 12V / Max 3A (20Watt)
Dimension (WxHxD)	123.6x264x35.5mm [4 7/8" x 83/4" x 13/8"]
Weight	2.1kg [4.63lb]

Model Code	
RE-ACTD-G	Controller unit with Germany thermo sensor.
RE-ACTD-T	Controller unit with Taiwan thermo sensor.
RE-ACTD-DESK	Desktop Mount Bracket with pole fitting
RE-ACTD-POLE	Freestanding Mount with pole fitting
RE-ACTD-TERM	Freestanding with flush angled mount

CAD Dimensions

