FengNiao-U1T1B / C
Compact Face Recognition Box – 2 Channels

Feature

- Industrial design with fanless with 7x24
- High performance Detection with (Pitch 75°,Roll 30°)
- High performance Recognition with (Pitch 30°,Roll 30°)
- Live view, Welcome page
- Time attendance
- Alarm management, System configuration
- Export Comparison Data in (CSV.file)

Overview

Embedded face recognition server is used as face recognition terminal in small face recognition scenarios and provides PC client for the management of multiple devices. At the same time, it can be used as a face acquisition device to provide data like push snapshot and alarm for face recognition system or third-party service system.

HARDWARE

	FN-U1T1B-FRS	FN-U1T1C-FRS
Design	Fanless Industrial Operation	
CPU	ARM A57 CPU64bit	
GPU	256CUDA core NVIDIA Maxwell™	
Memory	4GB LP DDR4|25.6GB/s	
Storage	16G eMMC	
Decoding	4K 60Hz	
Encoding	4K 30Hz	
Display port	No	HDMI
Network	10/100/1000Base-T	
I/O interface	Out put 2	

Software Performance

	FN-U1T1B-FRS	FN-U1T1C-FRS
Compare performance	10 image/sec	
Comparison Time Rate	Less than 0.1sec per image	
Real-Time Capture Time	Less than 1.0sec	
Real-Time Compare Time	Less than 1.0sec	
Dynamic recognition Rate	False positive rate 5% False negative rate 2%	
Detection Rate	16 Face same time	
Detection angle*	Yaw -75°~+75° Pitch -75°~+75° Roll -30°~+30°	
Recognition angle*	Yaw -30°~+30° Pitch -20°~+20° Roll -30°~+30°	
Detecting Rate	99% @ 60 – 240 pixel	
Recognition Rate	95% @ 60 – 240 pixel	

Hardware Performance

|	FN-U1T1B-FRS	FN-U1T1C-FRS
Device support	2 Camera for Standard Camera 4 Camera for Capture Camera	
Resolution camera support	FHD 1920x1080	
Image Database	300,000 picture	
Target Library	Maximum 100 Library	
Image Protocol	RTSP and ONVIF	
Video Format	H.264, MPEG4	
Protocol	FTP	
Operation System	Linux	
Function	Live view, Database management, Access Records, Alarm Management, System configuration	

Operation Environment

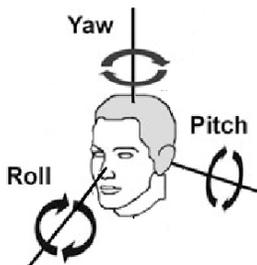|	FN-U1T1B-FRS / FN-U1T1C-FRS
Environment	Storage -25°C~80°C
	Operation SOC -25°C~105°C
	Operation system -25°C~80°C
Dimension	140mm x 120mm x 30mm
System Design	7 x 24 Continuous Operation

Physical Size
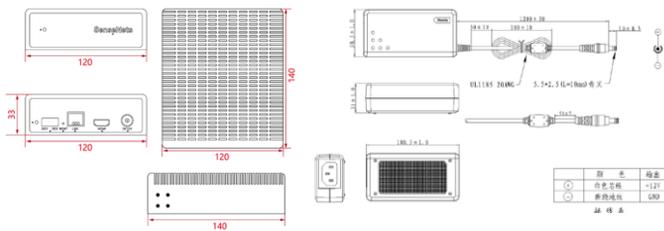
Connection Diagram
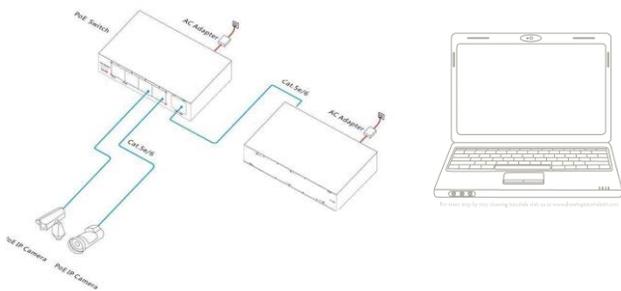
* Rotation Face Refer

System Overview

Management software

Meeting Attendance

VIP Welcome page

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