

# Super Wide Dynamic Face Recognition All-in-One Machine

## Model

FS1001-H21A-FL-M036

## Application

Barrier gate Police Dept



## Features

- Built-in smart face recognition recognition capture, real-time recognition of live face information
- Unique face recognition algorithm ,recognize face accurately and real time
- Face recognize time less than 1 second
- Embedded face detect and capture,support face capture under complicated light environment
- Read ID info,compare face picture real time
- Host support wired Ethernet and wireless WiFi protocols
- Host support external ID card reader
- Host supports the use of a face recognition card reader through the Wiegand interface with the staff gate and access control host.
- H.265 Main Profile codec,Max resolution 1920\*1080
- 1/2.8" 2.1 Megapixels Progressive Scan Exmor CMOS.
- Main/Sub stream meanwhile output, support real-time stream and storage stream of different bandwidth and frame rate
- Support True WDR  $\geq 120\text{dB}$ ,use in strong backlight environment
- Integrated built-in LED light,better to adapted the low light condition.
- Support 3D noise reduction and video defogging, make video and image more clear under low light condition.
- Support AWB, AGC, BLC, make the image color more better

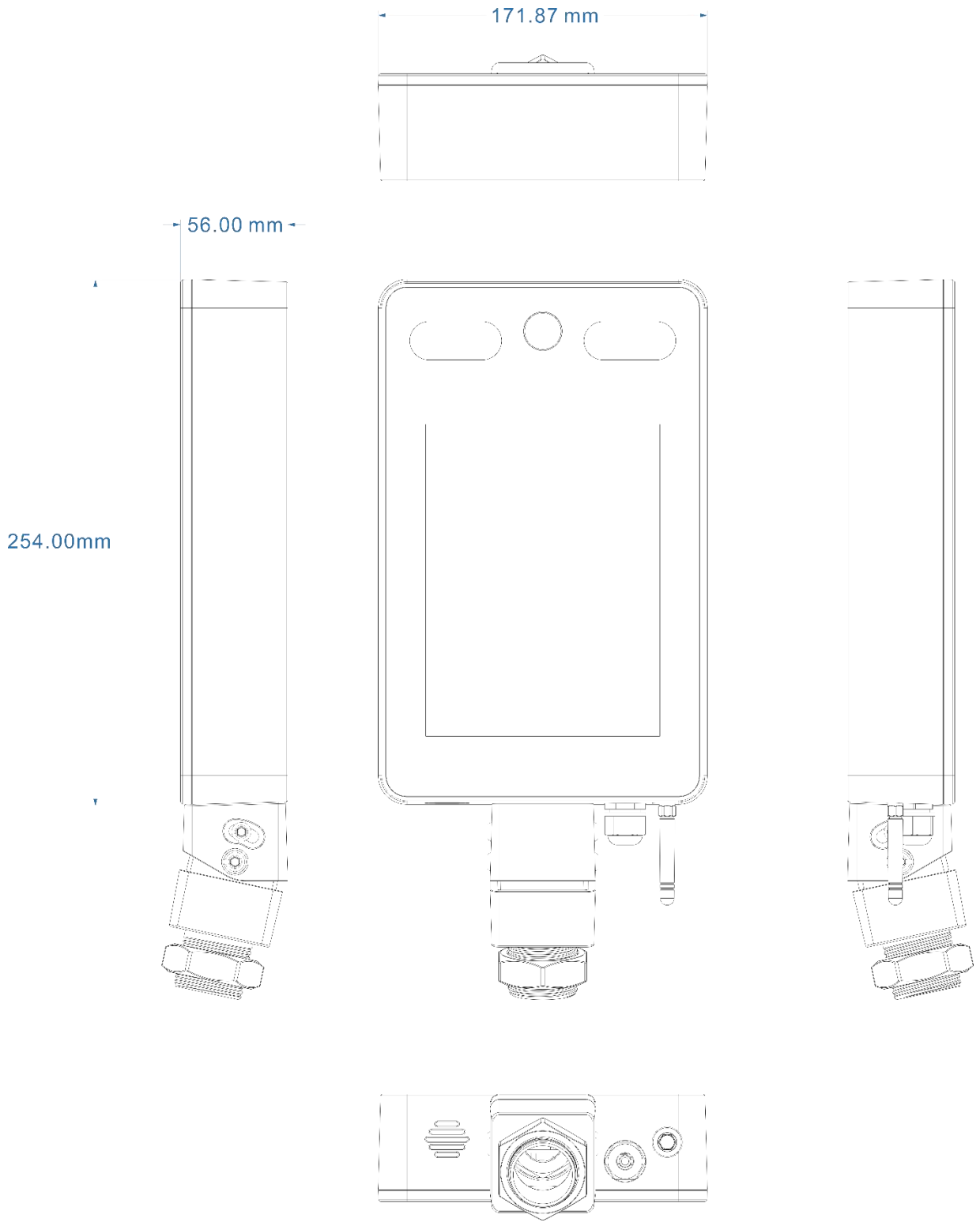
·Embed Web Server , support for IE browsing video, parameter setting, upgrade and user management features

### Specification Parameter

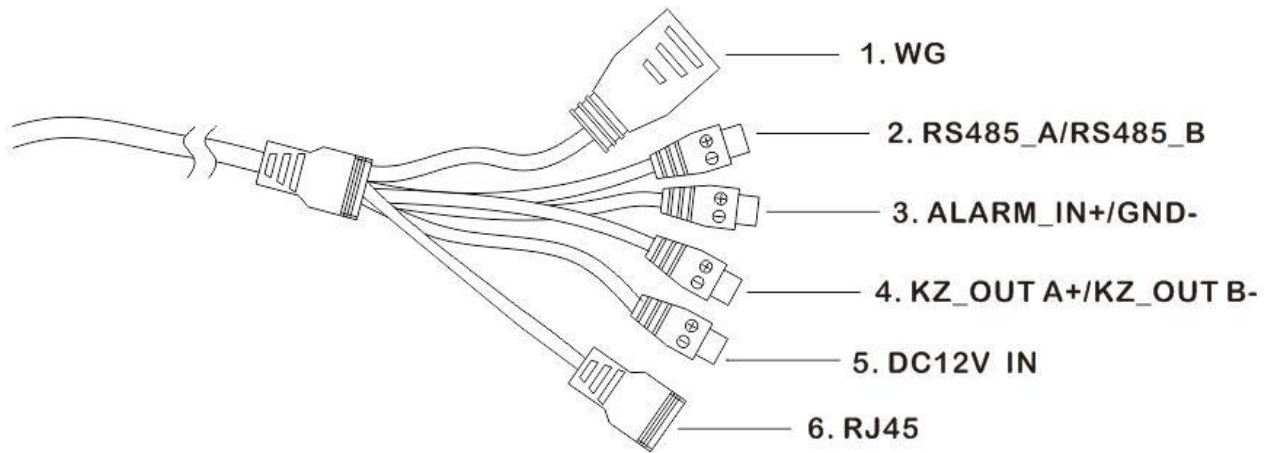
Model	FS1001-H21A-FL-M036
Hardware	
CPU	Intel® J1900 four core 22nm CPU 2.0GHz
Chip	Intel R Bay trail SOC
Memory	DDR3 4GB
HDD	64GB SSD
Camera Module	H21A
Image Sensor	1/2.8" Progressive Scan CMOS
Lens	8mm (optional)
Function	
Height	1.2~2.2 meter, Adjustable Angle
Distance	0.5~5meter, Variable according to lens
Angle	30° left and right, 30° up and down
Time	Less than one second
Function	Support one million snapshot library, real-time snapshot.
Interface	
RS485	1channelRS485
Alarm	1 channel Input
Alarm	1 channel Output
Internet Interface	1 RJ45 10M / 100M Adaptable Ethernet

Wiegand	1channel wiegand interface	
USB Interface	2channelUSBinterface	
Camera Parameters:		
Effective Pixels	2.1MP,1920*1080	
Low Light	Color 0.01Lux @F1.2(ICR);B/W 0.001Lux @F1.2 (ICR)	
S/N Ratio	≥50db(AGC OFF)	
WDR	≥120db	
Video Encoding	H.265 Main Profile,H.264,MJPEG	
Resolution	Main stream	50Hz: 25fps (1920×1080,1280×720)
		60Hz: 30fps (1920×1080,1280×720)
	Sub stream	720*576, 1-25(30)fps ,640*480, 1-25(30)fps 320*240, 1-25(30)fps
Regular specs		
Working Temperature	-10℃ - +55℃/0% - 90%	
Working humidity	5~90%Relative humidity, no condensation.	
Power Supply	DC12V/3A	
Power consumption	25W(MAX)	
Dimension	171.87(L) * 56(W) *254(H)mm	
Weight	2.2KG (without base)	

# Specification parameter



## Interface Definition:



NO.	Name	Quantity	Remark
1	Wiegand protocol output interface	1	① vcc12V ② GND ③ D0 ④ D1
2	RS485	1	RS485 interface A/B
3	Alarm input	1	Alarm input interface +/GND-
4	Alarm output	1	Alarm output interface A+/B-
5	Power	1	DC12V IN
6	Ethernet port	1	RJ45