Item	Parametere
Appearance	
Main function	Mainly for channel access control scenes, face recognition, live detection, swiping under the screen
Dimensions	243.3cm*127.2cm*32cm
Weight	about 1.1KG

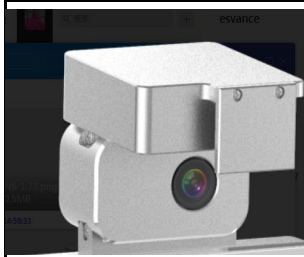| Core architecture	CPU	HI3516 DV300 Dual cores 900M
	GPU	No
	Memory	RAM 1GB
		ROM 4GB

OS	Linux	Linux 4.9.37

Face Recognition	Megvii face algrithm	1: N speed: ≤1S
		1:1 speed: ≤1S
		Maximum number of user: 20,000
		Recognition distance: the best recognition distance is 1 meter and the longest distance is 2 meters;
		Recognition angle: 35 degrees up, 35 degrees down, 30 degrees left, 30 degrees right, 35 degrees plane rotation
		Biopsy: support live
		Base library size/ Pass rate/ False recognition rate
		  5000人 99.8% 0.5%
		  10000人 99.5% 0.5%
		  20000人 99.2% 0.5%

Communication	Ethernet	10/100Mbps Ethernet
	Bluetooth	No

Output	Display	8 inches (MIPI) IPS(Resolution 800*1280); Brightness 500cd/㎡
	Supplementary light	Infrared + white light
	Electroacoustics	Built-in speaker, power 1W
		Support audio

	Power button	No
	Reset button	No
	Tamper button	No
	Photosensitive module	Yes
	Human induction module	Yes

Input	Touch screen	5 point capacitive touch screen, Response time <48ms, Surface hardness>6H, Transmittance ≥85%
	RFID	Frequency 13.56MHz, support M1/CPU, 0.1s card reader Card reading distance: 2.5-5cm
	RGB camera	2 million HD cameras, dynamic 20-25 frames Pixel: 2 million Resolution: 1920*1080 Pixel size: 2.9um*2.9um Aperture: 2.4 Focal length: 5mm Angle of view: 65° HDR: support, 90dB
	IR Camera	2 million HD cameras, dynamic 20-25 frames
Interface	Relay	support NO,NC,COM
	RJ45	Yes
	USB HOST interface	USB2.0
	485	Yes
	Wiegand	Configurable output or input, default input
	GPIO	Support three-way expansion (door sensor, door open
Power	Power supply	DC12V-2A
	POE	No
	Power	Rated power: <10W Peak power: <15W
Reliability	Operating temperature	- 20℃~+60℃
	Working humidity	Humidity 10%-90%, no condensation
	Storage temperature	- 30℃~+70℃
	Storage humidity	20%-90% no condensation
	Non-stop work	30*24 Hours
	ESD	±6kV contact discharge, ±8kV air discharge
	EFT	Reach level 2 standard
	Surge	Reach level 2 standard
Optional	WIFI	IEEE802.11 b/g/n standard (2.4G) --Need to customize
	Picture	Details
		1. Wall mounting plate 2. Wall-mounted bead 3. Power cable 4. Expansion screw	WIFI(Optional)

allation met		1. Holder 2. Waterproof cover (including waterproof ring) 3. AI multi-function line	WIFI(Optional)
		1. Adjustable rotating bracket 2. Waterproof cover (including waterproof ring) 3. Power cable 4. Expansion screw	1，WIFI(Optional) 2. The equipment and rotating bracket are packed separately when shipped
		Picture	Details
Detection temperature module		Thermal infrared resolution: 16x4 Temperature measurement range: 0℃~50℃ Temperate measurement accuracy: ±0.5℃ Measurement distance: The temperature measurement distance of human body is from 0.1m to 1m,default 0.5m	
		Thermal infraredresolution:160×120. Temperature measurementrange:0℃~50℃ Temperature measurementaccuracy:±0.5℃，±0.3℃ after blackbody calibration. Measurementdistance: The temperature measurement distanceof human body is less than 3m. Infrared field of view angle:40° Binocular 2-megapixel visible lightcamera. Visible light field of view: 65°	

		Temperature is same with the above one.Just add one black body	Black body ● Blackbody target surface: 2cm × 2cm; ● The temperature value from room temperature to 50 degrees can be set; ● Temperature control accuracy: 0.1 ℃; ● Working temperature: 0 ℃ ~ 50 ℃; ● Power consumption: <40W.