WDR Face Recognition Terminal
7 inch Three Cameras Real Time
Human Body Detection

Model

FS1002-H21A-FDLK-M036
Come with three cameras, human bodies can be detected with high accuracy even in night vision.

Features:

➢ Support Real Time Human Body Detection .

➢ Using Linux operating system, better system stability.

➢ Face recognition algorithm to accurately recognize faces, face recognition time is less than 1s.

➢ Unique The camera uses H.265 Main Profile encoding, compatible with NVR and other storage devices through the ONVIF protocol.

➢ From -45 ° C to + 70 ° C environment for long-term stable operation.

➢ Support free switching 1:N/1:1 (IC card, QR code, ID card) recognition mode 1: N with 0.8s comparison efficiency.

➢ Outdoor IP66 waterproof and dustproof.

➢ Mean time between failures MTBF>50000 H.

➢ Support for AD file playback.

➢ Support PIR human body sensing wake-up function.

➢ Support TF card storage, pictures are stored continuously for 1 year, video is stored continuously for 7 days.

➢ Support 65000+ face matching library and 500,000 face recognition records.

➢ Rich interface protocol, support SDK and HTTP protocol under various platforms such as Windows/Linux.

➢ Support machine vision optical wide dynamic ≥120dB, suitable for backlit environment monitoring.

➢ Support tracking of personnel movements under strong backlight conditions.

➢ The host supports an external ID card reader (For Chinese ID card).

➢ The host supports the Wiegand interface to connect with the personnel gate and the access control host, and acts as a face recognition reader.
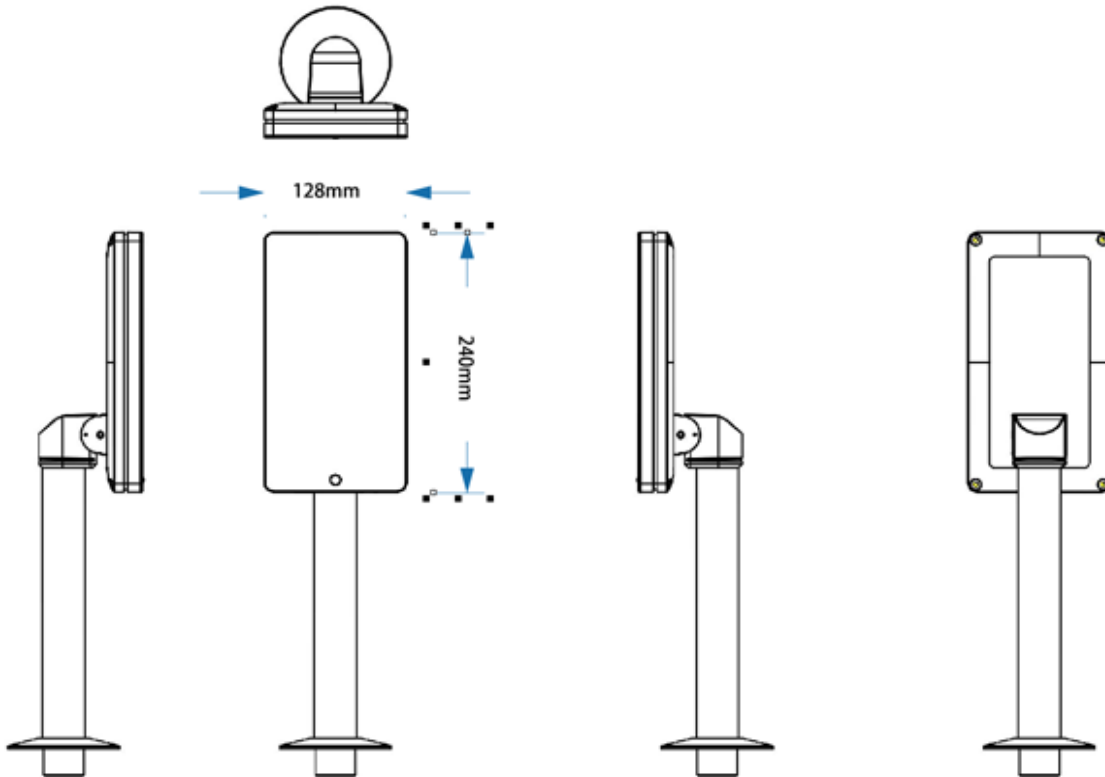
Specifications:

Model	FS1002-H21A-FDLK-M036
Hardware	
Processor	Sextuple processor + 2G memory + 32G flash
Operating system	Linux Operating system
Storage	Support TF card storage
Camera module	H21A
Sensor	1/2.8" Progressive Scan CMOS
Lens	3.6mm（optional）
Performance	
Recognition height	1.2~2.2 meters，Angle can be adjusted
Recognition distance	0.5~5 meters，depends on lens
Face angle	30 degrees left and right, 30 degrees up and down
Recognition time	Less than 1 second
Function	Support 500,000 capture library, real-time capture, support 65,000 list library

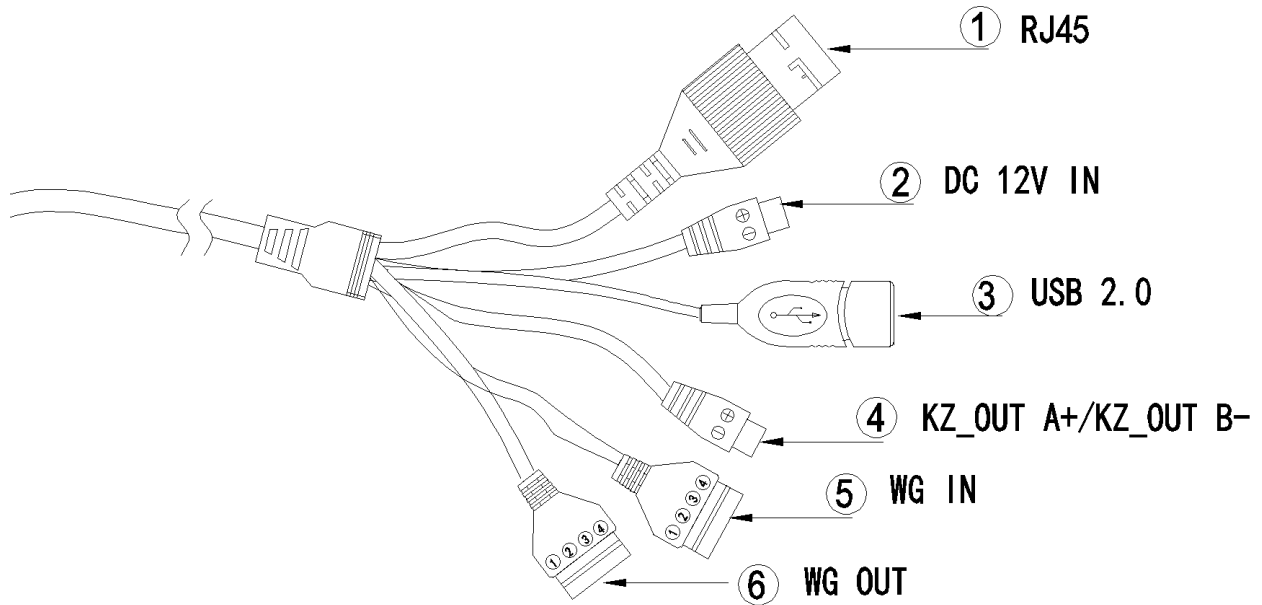| Weight	1.5 kg（without base plate）

Interface	
Switch inputs	1ch switch input
Power	DV12V/3A
Network Interface	1x RJ45 10M / 100M Adaptive Ethernet port
Wiegand Interface	1ch Wiegand interface input/output
USB interface	1ch USB interface
Camera Data	
Camera	Three cameras:1x face capture camera, 1x IR camera, 1x B/W camera
Effective pixels	2MP，1920*1080
Min Illumination	Color 0.01Lux @F1.2(ICR);B/W 0.001Lux @F1.2 (ICR)
SNR	≥50db(AGC OFF)
WDR	≥120db
Video Coding	H.265 Main Profile /H.264 BP/MP/HP /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	
Operating temperature	-45℃ - +70℃
Working humidity	5～90%relative humidity, no condensation
Powered by	DC12V/3A
Power	20W(MAX)
Device Size	128(W) * 28(T) *240(H)mm
Screen Size	7 inches

Device Size

128mm

240mm

Interface

No.	Name	Quantity	Remark
1	Network	1	RJ45
2	Power	1	DC12V IN
3	USB	1	USB 2.0
4	Switch Output	1	Switch output interface A+/B-
5	Wiegand protocol input interface	1	① vcc12V ② GND ③ D0 ④ D1
6	Wiegand protocol output interface	1	⑤ vcc12V ⑥ GND ⑦ D0 ⑧ D1