NIHON SHENZHEN ZHONGXI Security CO., LTD.

FR-702B-R-T

7 inch Wall Mount Touch screen

Face Recognition Access Control Terminal

Features:

●Face recognition

Binocular live body detection technology, effectively prevent the attacks

such as photos, videos and models, etc. 99.5% recognition rate; Recognition speed<500ms; face libraries, total support 50000 faces. Multiple arming periods settings;

●Face recognition + mask detection:

Face + mask recognition rate 85%, mask wearing tip;

●IC card verification: Support multiple verification methods such as IC card and NFC card.

●Voice broadcast: face recognition result, abnormal and mask wearing broadcast

● Max.100000 records save or export

●Support online networking, use with the management cloud platform, and push traffic records in real time;

●Rich interface protocols, support SDK and HTTP, MQTT protocols under multiple platforms such as Windows/Linux;

Specification	
Model No.	FR-702B-R-T
Face Recognition	
Live body detection	Visible light + NIR binocular camera, accurate recognition. Live body detection and accurate recognition under various environments. Resist on the non-livings such as photos, videos and face models.
Face comparison	Built-in database, supports face capture and real-time comparison with the local data, and create a comparison log
Recognition accuracy	≥99.5%
Recognition type	1 : N
Recognition speed	<500ms
Recognition distance	0.3-2.2m, angle adjustable
Recognition Height	1.2-2.2m
Vertical angle	60°
Horizontal angle	37°
Multiple recognition mode	Face recognition, ,Face recognition + mask detection and other recognition modes
Face library	Supports max. 50000 pcs of faces
Comparison records	Max.100000 records, export available
Face + mask detection	
Accuracy	≥85%
Mask wearing alert	Voice broadcast
IC card	Support multiple verification methods such as IC card and NFC card

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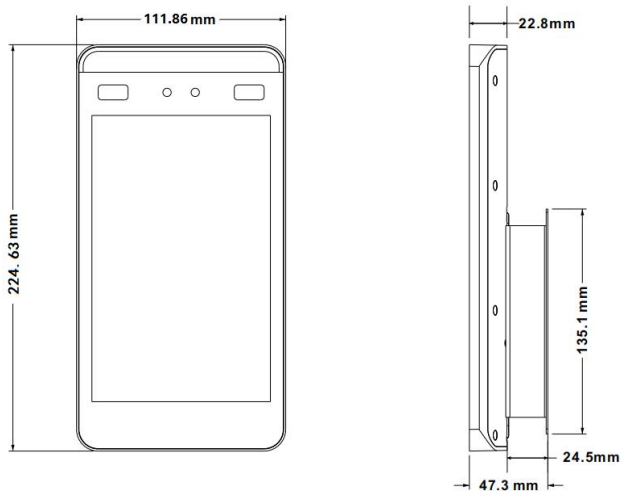
Voice broadcast	Face recognition authentication result broadcast, mask wearing or not alert broadcast
Image sensor	
Sensor type	1/2.9" Progressive Scan CMOS
Effective resolution	1920*1080
Min. Lux	Color 0.01Lux @F1.2(ICR); B/W 0.001Lux @F1.2
SNR	≥50db(AGC OFF)
WDR	≥80db
Lens	Binocular camera: visible light lens + NIR lens+4.3mm
Screen	
Size	7 inch
Resolution	600*1024
Display scale	16:9
Speaker	8Ω /1W
Interfaces	
Network	RJ45 10M/100M self-adaptive Ethernet port
DC12V	≥12V 2A Power supply (with power switch)
Wiegand Interface	1CH WG Out, 1CH WG In, standard WG 26 and 34 protocols
Alarm output	1CH
Alarm input	1CH
RS485	1CH
USB	1CH
General Specification	
Housing	Metal,IP66
Power Source	DC12V±25%
Power consumption	20W(MAX)
Working temperature	(-20℃ ~ +60℃) RH95% MAX

Working humidity	5~90%, no condensation
Dimension	112(L)×47.3(W)×224.6(H)
Weight	1200g

Dimensions(mm)