JNC Facial recognition system

FRS

[Features]

Facial recognition machine



- Available in 4.3-inch and 7-inch models to meet different deployment needs.
- 4.3-inch model: Can manage up to 3,000 construction personnel
- 7-inch model: Supports over 30,000 personnel records, suitable for large-scale projects
- Recognition accuracy over 99%, enhancing access security
- Fast recognition in 0.2 seconds, ensuring smooth access even during peak hours
- Equipped with liveness detection technology to prevent photo or video spoofing
- Optional body temperature measurement feature to support health and epidemic prevention management

Tripod Turnstile

- Bi-directional access design, allowing a single device to manage both entry and exit
- Entire device made of 304 stainless steel, suitable for outdoor construction environments, rust-resistant and durable
- Robust structure can withstand up to 80 kg of impact, effectively preventing external damage
- Accurately determines actual entry or exit

Precise People Flow Server

- Accurate entry/exit detection enables real-time monitoring of on-site personnel flow and delivers highly precise traffic statistics
- Construction site safety management: configurable dwell-time alerts with instant push notifications to promptly report anomalies
- Restricts rapid repeated entries/exits to effectively prevent time fraud, proxy check-ins, or "face scanning without entry" behavior
- Prevents duplicate entries, eliminating "face borrowing" and ensuring only authorized personnel can access the site
- Versatile report export functions support multiple management needs such as attendance tracking, flow analysis, and anomaly records, helping managers maintain full situational awareness

[Applications] Smart Construction Site

[Optional code]

FRS-[Code 1]-[Code 2]-[Code 3]

Code 1	Tripod Turnstile	Code 2	Entrance facial recognition	Code 3	Exit facial recognition
S	In and out together (1 set Tripod Turnstile)	43	4.3 inches	43	4.3 inches
A	One in and one out (2 set Tripod Turnstile)	70	7 inches	70	7 inches

※To achieve precise people flow tracking, an additional FRS Server must be purchased (PC hardware to be provided by the customer).

※For on-site display requirements, DS series products are available as optional purchases.

[Specifications]

Tripod Turnstile (Code 1)			
Power input	AC 110~220V	Dimension (mm)	1200x980x280
Material	304 stainless steel	Channel width (mm)	510~600
Control method	Supports bi-directional access with a 360° lock mechanism	Railing bearing capacity	80 kg
Communication interface	TCP/IP		

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Facial recognition machine (Code 2、3)			
Code		43	70
Basic specifications	LCD display	4.3-inch LCD display	7-inch LCD display
	Screen type	Touchscreen	
	Resolution	480(H)× 272(V)	600(H)× 1024(V)
	Lens	2MP CMOS	1/2.8” 2MP CMOS Dual lens
	Voice prompt	Support	
	User capacity	3000	25,000 and above
Fuction	Unlock mode	Face	Face
	Network update	Support	Support
	Remote authentication	Support	Support
	Wireless internet	Support	Support
	Wireless standard	IEEE802.11b/802.11g /802.11n	802.11b/g/n
Performance	Facial recognition scope	1.1 m– 2.0 m	0.9 m– 2.4 m
	Facial recognition distance	0.3 m–1.5 m	0.3 m–2.0 m
	Facial recognition time	0.2 s	

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