

NFR-700L FACIAL RECOGNITION TERMINAL WITH IR THERMOMETER

The NFR-700L Facial Recognition Terminal with IR Thermometer terminal incorporates thermal imaging cameras to help spot people with elevated temperatures and can send pop-up alerts to users of the software. Mounted on a post, wall, door frame, or turnstile, the scanner can be programmed to allow access by permitted temperature range.



It supports facial recognition even when users are wearing a mask - using a powerful embedded camera and the latest face and demographic recognition algorithm. The camera reads the facial characteristics that are not covered, including eyes, eyebrows and parts of the nasal bridge to identify users so that they can keep their masks on at all times while still gaining access to their facilities. It can also be used to flag people who aren't wearing the protective coverings and require them to wear a mask to gain access to a building. This contactless access control terminal is perfect for use in hospitals, buses, schools, government facilities, and numerous other settings.



NFR-700L SPECIFICATIONS

SYSTEM	
Main processor	Six cores/ Cortex-A72+4Cortex-A53
Operating system	Android 7.1
RAM	2G
ROM	8GB
DISPLAY	
Size	7 inch IPS HD screen
Resolution	800*1280
CAMERA	
Sensor	1/5 GC2145
Resolution	NIR 600*800 15fps
Lens	2.4mm
Face library capacity	Supports up to 30,000 sheets
Recognize face angle	(Daytime) vertical viewing angle 58-60, horizontal viewing angle 35; (living body) vertical viewing angle 48-50, horizontal viewing angle 36
Fault tolerance	Ordinary glasses and short sea surface retention time have no effect on recognition. Under normal circumstances, slight expressions do not effect recognition expression
Reaction speed	About 200ms
Facial exposure	Stand by
Upload method	TCP, HTTP, MQTT

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NETWORK FEATURES	
Network protocol	IPv4, TCP / IP, HTTP
System Upgrade	Supports remote upgrade
Auxiliary light	Fill light, white light fill light
Speaker	Support voice broadcast for successful recognition results
HARDWARE INTERFACE	
Network Interface	RJ45 10M / 100M Ethernet / Wi-Fi®
RS485	Stand by
Wiegand interface	Supports Wiegand 26, 34, 66 protocols
PHYSICAL SPECS	
Shell	Metal body and bracket, plastic panel, IP66
Operating temperature	-20 ° C ~ 60 ° C
Working humidity	10% -90% non-condensing
Storage temperature	-40 ° C ~ 70 ° C
Storage humidity	DC12V
Power consumption	≤ 12 W
Size (mm)	219 (W) * 111 (H) * 21.5 (T)
Bracket size (mm)	φ25 * 189
Installation method	Desktop installation / floor support installation