



AITD-820HT

Add an extra layer of protection to your facility and help protect your most valuable assets – *your people*



Latest AI Thermal Detector

New AI Thermal Detector AITD-820HT

adopts an AI chipset, large thermal sensor array and latest algorithm which provides cutting-edge face recognition and body temperature detection, with the ability to detect even with a mask on.

INCREASE SAFETY WITH A QUICK TEMPERATURE CHECK



EASY SET UP

Plug in the QuixScan AITD-720 or QuixScan AITD-820HT and it's ready to scan temperatures.



ACCESS CONTROL

QuixScan AITD720 and AITD-820HT can be configured to integrate with your access control system.



FACIAL RECOGNITION

QuixScan AITD-720 and AITD-820HT have facial recognition capabilities with or without masks.



USER FRIENDLY INTERFACE

Very intuitive and easy to use interface allow you to configure your QuixScan device. The QuixScan system will manage your facial recognition database for touchless access.



TOUCHLESS

There is no need to touch our device. The QuixScan device will start thermal scan as you approach the device. Our fast detection time will keep the flow of traffic.



QR SCANNING

QR Code reader for access and other verification needs.



ANTI-SPOOFING

Our QuixScan devices prevent false facial verification such as a photo. Our anti-spoofing technology will guard against this type of threat.



LINUX OS

Linux is one of the most reliable, secure and worry-free operating systems available.



*Instill Confidence
as People Enter
Your Facility*



FEATURES & TECHNOLOGIES



POWERFUL AI CHIPSET

With ISP technologies, images are able to avoid shadowing, shortening the detection time

FAST DETECTION (0.3s Temperature + face ID)



AUTO FOREHEAD IDENTIFY

With best AI chipset and algorithm in the world to detect forehead



HIGH ACCURACY (±.5°F, 99.9%)



BEST ALGORITHM

Powered by the best Algorithm, can recognize people with masks and can detect people without masks then push alerts

LONG DETECTION RANGE (1 ft. ~ 4 ft.)



FACIAL RECOGNITION

With dual-lens cameras capturing, you can increase your accuracy of facial recognition.

Applied Various Industries

Our QuixScan Thermal Scanners can be widely used in many applications such as: education facilities, corporate offices, public transportation, medical facilities, public places, houses of worship, restaurants, shopping malls, spas, fitness rooms, courtrooms, libraries, DMV, etc.



Health Care



Corporate



Education



House of Worship



Restaurant



Retail



Transportation



Fitness

Check in your staff..

The AIDT-820HT can check temperature, integrate with access control and at the same time assist in checking in your staff without contact.

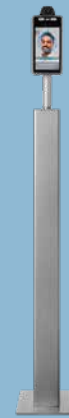
AVAILABLE IN:



WALL MOUNT

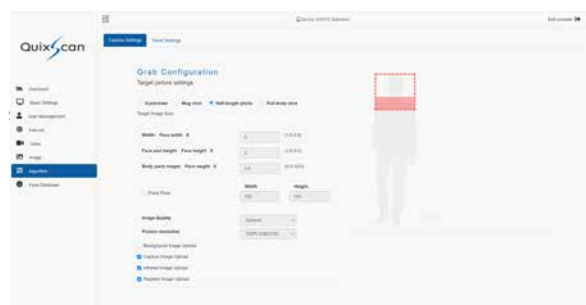


TABLE STAND

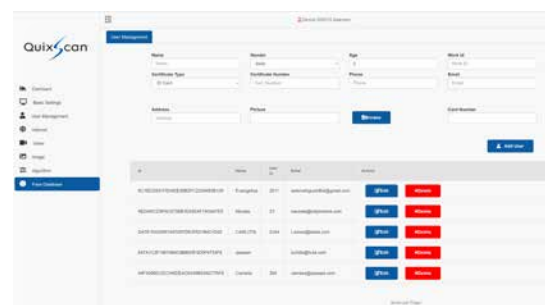


FLOOR STAND

USER FRIENDLY INTERFACE



Algorithm Configuration



Facial Database

ITEM	Specification	
	Resolution	120°90
	Thermal measurement range	1 FT. - 4 FT.
	Thermal measurement accuracy	±.5°F
HARDWARE	Processor	AI chip set ARM Quad-core, 4 x DSP
	OS	Linux
	Storage	8GB EMMC+1GB DDR4
	LCD	7 inch, 1024*600 resolution
CAMERA	Sensor	Dual 2Mp, low lux sensor
	WDR	≥120dB
	Iris	F2.0
	Focus length	4.3mm
PERFORMANCE	Anti-spoofing	Anti-electronic screen, video, mask hacker attack
	Face Recognize	1.2~2.2 meter, angle adjustable
	Face library	50,000
	Attendance Record	50,000
	Face angle	horizontal 30 degrees, vertical 30 degrees
CONNECTIVITY	Alarm input	2 pcs
	Alarm output	1 pcs
	Access control	Push out
	Power	DC12V (9 -16V DC)
	Ethernet	1 pcs RJ45 10M / 100M Ethernet
	Wifi	2.4G Wi-Fi
	USB	1 pcs USB 2.0
	Wiegand	1 pcs
ALGORITHM PARAMETERS	Face recognition	99%@0.01% 95%@0.0001%
	Face anti-spoofing detection	98%@0.01%
	Face attribute	Anti-spoofing category: Pictures, videos, coated paper, fake face models, etc. Gender, age, glasses, facial expression (angry, calm, happy, sad, surprised), mask, ethnicity, beard, ethnicity, hat detection, helmet detection
GENERAL	Ambient Working Temperature	-40° F - 100° F
	Dimensions	4.75"X 8.9" X 1.3"
	Power consumption	Less than 24W



FLEXIBLE DEPLOYMENT-MULTIPLE AREA IN SAME BUILDING

LOCAL SERVER



Gate Access Control



Reception



Door Access Control