

UBio-X Pro 2 TI/TS

Contactless Face Recognition Terminal with
Fever Detection Camera / Sensor



- When fever is detected, access denied and log records transmitted to the server in real time
- Contactless face recognition and fever detection by using thermal camera / sensor
- Mask detection function (Wearing / Not wearing / Not covering nose)
- Fast and precise fever detection and access management
- Can be widely used in places with floating population such as Large-Scale Commercial Facilities, Hospitals, Construction Industries, Airports and more

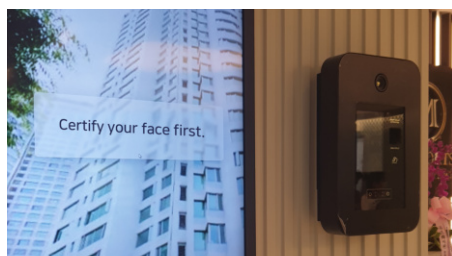
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Fever Detection Module Specification

Model	Thermal-i (TS)	TE-EQ1 (TI)
Classification		
Type	Fever Detection Sensor	Micro-Bolometer (uncooled)
Thermal Sensitivity	$\leq 140\text{mk.1Hz}$	$\leq 50\text{mk (@F1,300k)}$
Frame Rate	12fps	30fps
Array Format	32 x 32	384 x 288
Temperature Accuracy	$\pm 0.3^{\circ}\text{C}$	$\pm 0.5^{\circ}\text{C}$
Dimension (mm)	60 x 22 x 12mm	42.5 x 44.6 x 42.7mm
Temperature Distance	Adjustable, 0.3 ~ 2M	Adjustable, 0.3 ~ 2M
Control	USB	USB2.0, RS232, 12C, UART
FOV (H x V)	33 x 33	37.9 x 28.7 -46.4
Operating Temperature	$-20^{\circ}\text{C} \sim 60^{\circ}\text{C}$	$-10^{\circ}\text{C} \sim 65^{\circ}\text{C}$
Scene Range Temperature	$0^{\circ}\text{C} \sim 120^{\circ}\text{C}$	$-10^{\circ}\text{C} \sim 150^{\circ}\text{C}$
Focal Length	5mm	9.7mm
Power Supply	DC 5V	DC 5V
Power Consumption	$< 38 \text{ mA}$	$< 1.8\text{W@ (30HZ)}$

Use Cases



Convenience facilities



Commercial facilities



Educational facilities



Public transportation



Hospitals



Public facilities