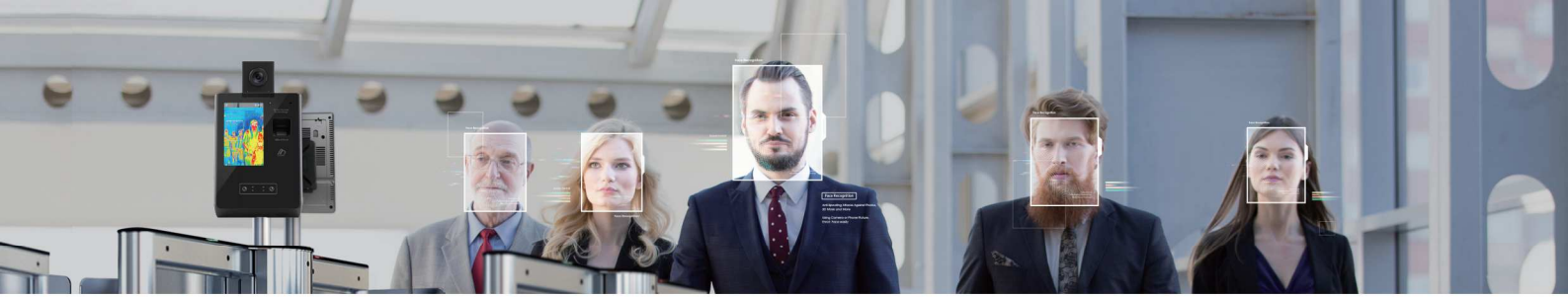


UBio-X Pro 2

Multi-Biometric Face & Fingerprint Recognition Terminal
with Thermal Camera

- Integrated with a thermal camera and measures user's body temperature.
- In case of fever, access will be denied and the log data recorded on the server.
- Entrances to events, airports, metro stations, buildings, manufacturing plants, hotels, commercial complexes, shopping malls, gated societies and more.





SPECIFICATIONS

Detector	
Detector Type	Micro-Bolometer (uncooled)
Array Format	384 x 288
Pixel Pitch	17 μm
Thermal Sensitivity (NETD)	$\leq 50\text{mK}@F/1, 300\text{K}$
Spectral range	8 to 14 μm
Camera Engine	
Power Supply	DC 5V
Power Consumption	< 1.8W @ (30Hz)
Video Output Format	Digital : Camera Link, USB, LVDS, LV CMOS, BT656, IP(OnVif) Analog : NTSC, PAL
Control	USB 2.0, RS-232, I2C, UART
Frame Rate	30Hz or 60Hz
Time to First Image	< 10 sec
Dimensions (W x H x D) <i>with lens mount</i>	42.5 x 44.6 x 42.7 mm
Weight	< 110g (<i>without lens</i>)
Operating Temperature	-10 $^{\circ}\text{C}$ ~ 65 $^{\circ}\text{C}$ (-40 $^{\circ}\text{C}$ ~ 65 $^{\circ}\text{C}$ Optional)
Storage Temperature	-40 $^{\circ}\text{C}$ ~ 85 $^{\circ}\text{C}$
Scen Range Temperature	-10 $^{\circ}\text{C}$ ~ 150 $^{\circ}\text{C}$ (at Digital Output)
Accuracy	$\pm 0.5^{\circ}\text{C}$ ~ $\pm 0.2^{\circ}\text{C}$ (SW adjusted)

LENS INFORMATION

Focal Length	19mm
F-Number	F/1.0
FOV (H x V -Diagonal)	19.6 x 14.7-24.4

