UBIO-XFACE PREMIUM
WALK THROUGH METHOD
8″ PREMIUM FACE RECOGNITION SYSTEM

UBio-XFace Premium FQR

- Mask Detection
- Integrated Security and Data Encryption
- High Performance Device
- Equipped with Latest Face Recognition Algorithm
- Easy Face Enrollment
- Support multiple Authentication Method
- Integrated Security Solution

Support Multiple Authentication Method

FACE   CARD   MOBILE KEY

FINGERPRINT   QR Code   PASSWORD

Features

Walk-Through Method
Face Recognition at a Distance up to **4m**

Mask Detection Function (3step)

Integartion with Fingerprint and QR Sensor UBio-X FQR (optional)

A wide range of authentication options including face, mobile access card, fingerprint, QR code and more.

Anti-Spoofing Attacks Against Photos, Videos & 3D mask

Easy Face Enrollment, Using Camera or Phone Picture

Integration with Thermal Sensor (optional)

By grafting the UBio-X FQR authentication sensor, various authentication methods such as face, fingerprint, card, mobile key, QR code, and card have been implemented. It is able to select and use the authentication method according to the customer's needs.

According to contactless solution such as mask detection (3 levels), thermal detection, contactless visitor & event management and remote user registration can avoid infectious. Also, It is possible to use by integrating with a variety of systems like Video surveillance, access control and Time & Attendance management.

All biometric information is protected based on a technology that encrypts and saves as the minutia point used in the algorithm engine without saving the original image.

Product Specifications

Model Name			Ubio-X Face Premium	Ubio-X Face Premium FQR
Model Image				
General		CPU	cortex A53 Quad Core 1.8GHz	cortex A53 Quad Core 1.8GHz
		NPU	O (2.5 TOPS)	O (2.5 TOPS)
		OS	Android 11	Android 11
	MEMORY	Flash	16G eMMC	16G eMMC
		RAM	4G (LPDDR4)	4G (LPDDR4)
	LCD	type	8' (TFT IPS LCD)	8' (TFT IPS LCD)
		Resolution	800 X 1280	800 X 1280
		Speaker	Audio Codec 1W	Audio Codec 1W
		MIC	Waterproof MIC	Waterproof MIC
		Operating Temperature	-20℃~60℃	-20℃~60℃
		Operating Humidity	0% ~ 90% non-condensing	0% ~ 90% non-condensing
		Weight	980g	1280g
		Dimension (WxHxD mm)	143.3 X 289.5 X 23.8	143.3 X 289.5 X 23.8
		Temper	O	O
		IP Rating	IP55	IP55
		Certificates	KC / CE / FCC	KC / CE / FCC
Biomatrics	Face	Recognition Distance	0.5M~4M	0.5M~4M
		Matching Speed	<1 sec	<1 sec
		Liveness Detection	O	O
	FingerPrint	Template	-	1000
		Extractor / Matcher	-	MINEX CERTIFIED AND COMPLIANT
		Image Dimension	-	256*292(12.6 *14.8 mm)
		Resolution	-	500 DPI
		Certification	-	Virdi, ISO 1974-2, ANSI-378
		Liveness Detection	50 cm	50 cm
RF	RF Read Range	EM	50 cm	50 cm
		Smart Card	50 cm	50 cm
		DESFIRE EV1 / EV2 / EV3	45 cm	45 cm
		FELICA		
	RF Option	125KHz EM	All in One	All in One
		HID Prox		
		13.56MHz Smart Card		
		Mifare (Plus)		
		Felica		
		ISO14443 A/B		
		ISO 15693		
		DESFIRE EV1 / EV2 / EV3		
		HID iCLASS SE/SR/Seos		
Mobile Card		NFC	Support	Support
		BLE	Support	Support
QR		Image Sensor	-	640X480
		Symbologies	-	1D/2D
		FOV (H x V)	-	42° x 31.5°
Capacity	Face (Based on one face Template per User)	1:N	30,000 (50,000 Option)	30,000 (50,000 Option)
		1:1	100,000	100,000
		TAR	97.99%	97.99%
		FAR	-	-
	FingerPrint (Based on two Fingerprint Template per User)	1:N	-	50,000
		1:1	-	500,000
		TAR	-	99.9%
		FAR	-	0.000001%
		Event Log	10,000,000	10,000,000
		Picture Log	20,000	20,000
Interface		ethernet	10/100M 1Port	10/100M 1Port
		RS-485	1 Port	1 Port
		RS-232	2 Port	2 Port
		Wiegand	IN/OUT 1Port	IN/OUT 1Port
		Relay	2	2
	USB	USB2.0	Host 1 Port	Host 1 Port
		USB3.0	OTG 1 Port (C Type)	OTG 1 Port (C Type)
Power		Voltage	DC 15V~24V	DC 15V~24V
		Current	Max 1.5A @DC15V	Max 1.5A @DC15V