

We're Always the First to See You

UBio-X Face Premium



- Premium Performance, Powerful Protection, Infinite Possibility
- World's most advanced Walk Through 8" Face Recognition Device



High Performance
Multi Authentication



Multiple Authentication
Method



Access & Virus Control
for safer perimeter



Secure Data Protection
& Encryption

UBio Your Bio All the Way



High Performance Multi Authentication

UBio-X Face Premium is equipped with a high-performance face recognition algorithm to quickly recognize the user's face accurately, even from a distance of up to 4m.

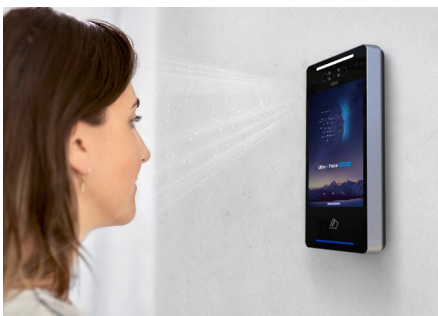
Through the use of multi mode, 4 people can be authenticated at same time and can be used in situation that requires a large number of simultaneous entry.



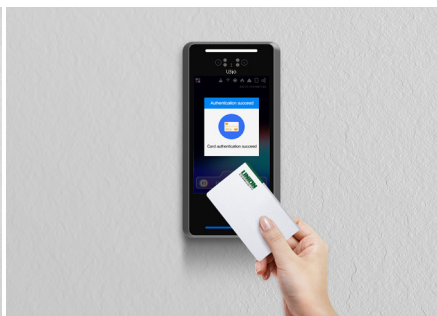
Support Multiple Authentication Method

By integrating with the XScan-FQ, XScan-FP, various authentication methods such as face, fingerprint, mobile key, QR code, password and card can be selected.

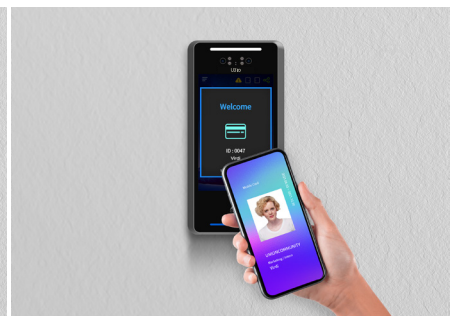
By utilizing 'and' & 'or' authorization method, it is able to select and use the authentication method according to the customer's needs.



FACE



CARD



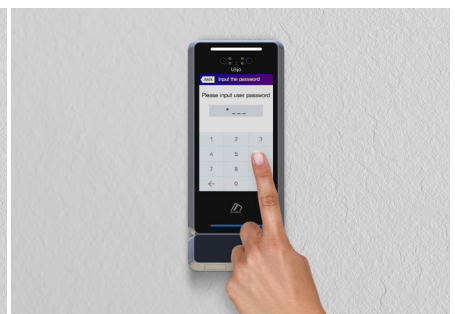
MOBILE KEY



FINGERPRINT



QR Code



PASSWORD



Access & Virus Control for Safer Perimeter

According to contactless solution such as mask detection (3 levels), contactless visitor & event management and remote user registration can prevent virus infection.

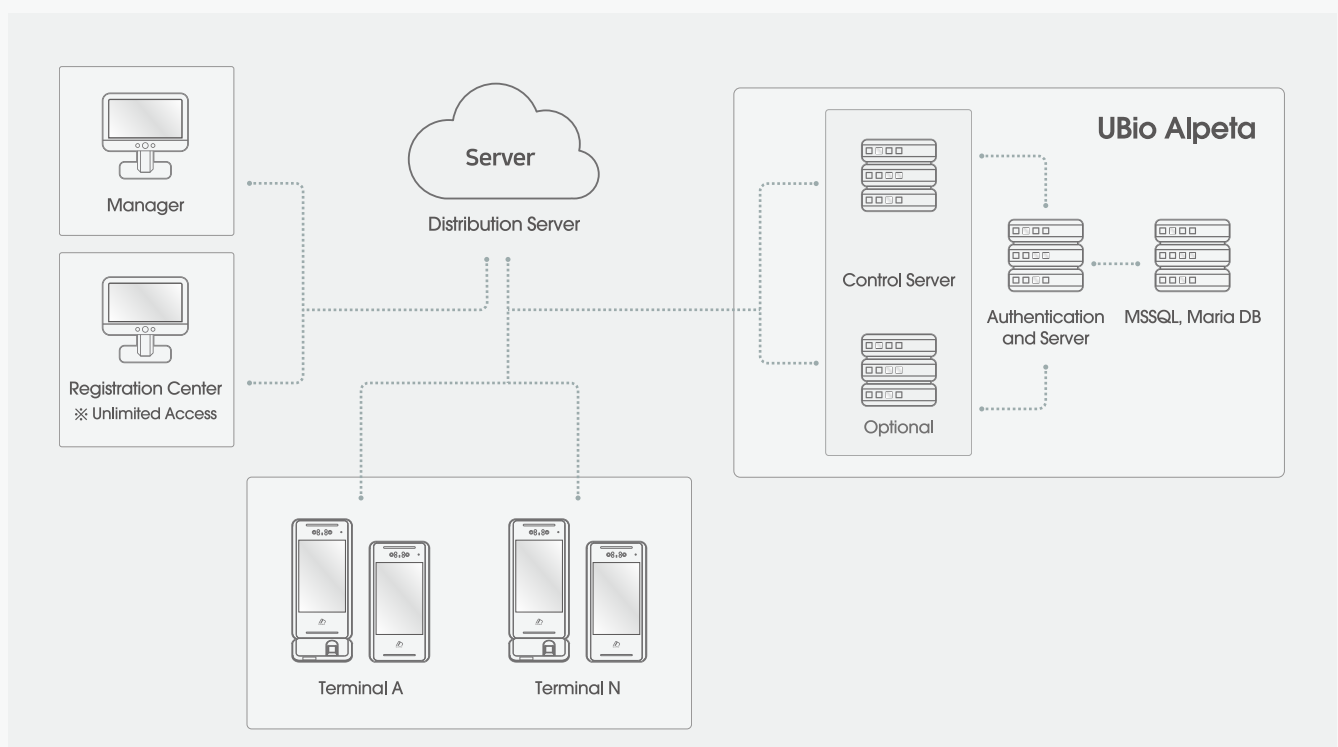
Through the integration of Thermal Camera sensors, UBio-X Face Premium automatically measures body temperature and protect the perimeter 24/7.



Secure Data Protection & Encryption

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.

SYSTEM CONFIGURATIONS



SPECIFICATION

Model Name			UBio-X Face Premium	
Model Image				
General	CPU		cortex A53 Quad Core 1.8GHz	
	NPU		O (2.3 TOPS)	
	OS		Android 11	
	MEMORY	Flash	16G eMMC	
		RAM	4G (LPDDR4)	
	LCD	type	8" (TFT IPS LCD)	
		Resolution	800 X 1280	
	Speaker		Audio Codec 1W	
	MIC		Waterproof MIC	
	Operating Temperature		-20℃~60℃	
	Operating Humidity		0% ~ 90% non-condensing	
	Weight		980g	
	Dimension (W x H x D) mm		143.3 X 289.5 X 23.8	
	Temper		O	
Biometrics	Face	Recognition Distance	0.5M~4M	
		Matching Speed	<1 sec	
		Liveness Detection	0.5M ~ 2M	
	FingerPrint	Template	100,000	
		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	
RF	RF Read Range	LFD	O	
		EM	50 mm	
		Smart Card	50 mm	
		DESPIRE EV1 / EV2 / EV3	45 mm	
	RF Option	FELICA	All in One	
		125KHz EM		
		HID Prox		
		13.56MHz Smart Card		
		Mifare (Plus)		
		Felica		
		ISO14443 A/B		
		ISO 15693		
	Mobile Card	NFC		Support
		BLE		Support
QR	Image Sensor		640 X 480	
	Symbolologies		1D / 2D	
	FOV (H x V)		42° x 31.5°	
UBio-X Key	Mobile Phone (iOS)		Iphone: iOS 10.0 or above / BLE4.2 or above	
	Mobile Phone (Android)		Android 6.0 or above / NFC Supported Device	
	Encryption		Azure Key Vault / AES-128	
	Recognition Distance		10cm (difference in models)	
Capacity	Server Platform		On Premise / Cloud	
	Face (Based on one face Template per User)	1:N	30,000 (50,000 Option)	
		1:1	100,000	
		TAR	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		
Picture Log		20,000		
Interface	ethernet		10/100M / 1000M 1Port	
	RS-485		1 Port	
	RS-232		2 Port	
	Wiegand		IN/OUT 1Port	
	Relay		2	
	USB	USB 2.0	Host 1 Port	
		USB 3.0	OTG 1 Port (C Type)	
Power	Voltage		DC 15V~24V	
	Current		Max 1.5A @DC15V	

Possible Integration

Thermal-I2



Integration for measuring personnel temperature

XScan-FQ



Support Fingerprint & QR Code Authentication

XScan-FP



Support Fingerprint Authentication