IXM
TFACE

Inspired by TITAN and Designed for Enterprises, TFACE is your Do-It-All Biometric Solution.

TFACE is a highly versatile dual-biometric device that combines security and convenience for a variety of access control, workforce and visitor management applications. Built with a quad-core 2.2GHz processor and secure Android OS, TFACE is designed for today's world with modern features such as high-speed face recognition, multifactor authentication, PoE+, a 2.4" IPS capacitive touchscreen LCD, BLE, mullion mount form factor, Wi-Fi, tamper protection, OSDP v2, and so much more.

The performance of TFACE is the result of two SONY 8MP cameras (RGB and infrared) and a 500dpi optical fingerprint sensor which deliver reliable and accurate authentication in less than 1 second. Achieve the highest levels of safety and security by enabling up to 4-factors of authentication including face, fingerprint, PIN, mobile credentials, and low or high frequency RFID cards.

TECHNICAL SPECIFICATIONS

Processor	Quad Core 2.2 GHz
CPU	64-bit Qualcomm Kyro 460 CPU
Graphics Engine	Qualcomm Adreno GPU 612
Image Signal Processor	Dual 14-bit Qualcomm Spectra 250L
DSP	Qualcomm Hexagon DSP 685
RAM	4 GB
Flash Memory	16 GB
Operating System	Android & Secure Linux
Fingerprint Sensor	500dpi Optical Sensor
Communication Options	TCP/IP, RS - 232, USB Aux, RS-485 (OSDP v2)
Ethernet	1000BASE-T
Wi-Fi	802.11 a/b/g/n/ac (2.4 GHz, 5 GHz)
Bluetooth	5.0 LE
USB	USB 2.0 (OTG), USB 2.0
Camera	SONY 8 MP RGB, 8 MP IR
Flash	High intensity LED
Wiegand	Customizable up to 512 bits
# of SPOs / SPIs	2
Panel Feedback	Available (2 Physical Lines)
Door Access Controller	Relay rating 2A@24VDC (1 Output, 2 Input, 1 Relay)
Door Strike Supply	12 VDC@500mA
Anti Shock Vandal Protection	Standard
LCD	2.4" IPS Cap Touchscreen
Screen Protection	Corning Gorilla Glass
Proximity Sensor	Auto-on TOF Sensor
LEDs	RGB (Power & Status)
Audio	Speaker & Digital Mic
Intercom	VoIP
1:N Users (Face Recognition)	25K Users (25K biometric records)
1:1 Users (Face Recognition)	100K Users (100K biometric records)
1:N Users (Fingerprint)	50K Users (100K biometric records)
1:1 Users (Fingerprint)	100K Users (200K biometric records)
Template Storage (Privacy)	Configurable – On Device, Server or Card
Matching Speeds	< 1 second
Mobile Credentials	Digital Card, Static and Dynamic QR Code
Image Log Capacity	5K Images
# of Transaction Logs	500,000
PoE+	IEEE 802.3at
Power Supply	PoE+, 12 VDC@2A, 24 VDC@1A
Environmental Rating	IP65, IK08
Operating Temperature	-20° to +60° C (-4° to 140° F)
Relative Humidity	0-95% non-condensing
Regulatory Approvals & Certificates	FCC, CE, RoHS, UKCA, BIS
Dimensions	199 mm x 48 mm x 49 mm (L x W x D)

DIMENSIONS

199 mm — 48 mm — 49 mm

DEVICE MODELS

Product	Model	Color
TFACE	FP1 | Face + Fingerprint + PIN + QR Code + No RFID Reader	Black & Chrome
	FP2 | Face + Fingerprint + PIN + QR Code + RFID Reader† (EM Prox / MiFARE / DESFire)	
	FP4 | Face + Fingerprint + PIN + QR Code + RFID Reader† (iCLASS / MiFARE / DESFire)	
	FP5 | Face + Fingerprint + PIN + QR Code + RFID Reader† (EM Prox / HID Prox / iCLASS / MiFARE / DESFire)	

More Details

†EM Prox - 125 KHz (4100, 4102, 4200)
HID Prox - 125 KHz (ProxCard II)
iCLASS - 13.56 MHz (iCLASS Standard, iCLASS SE/SR/SEOS)
MiFARE - 13.56 MHz (MiFARE Classic, DESFire, DESFire EV1/EV2*)
*DESFire EV2 cards are supported by having backward compatibility with DESFire EV1 cards.