IXM
TOUCH 2

Invixium's Most Popular Fingerprint Biometric Solution.

TOUCH 2 is an interactive, do-it-all fingerprint reader from Invixium. TOUCH 2 boasts a refreshingly slim and modern design with a mullion mount form factor and a wealth of user-friendly features, including a 2.4" IPS LCD touchscreen built with Corning Gorilla Glass protection, lightning-fast processing speeds thanks to its 1 GHz processor. PoE connectivity and 1 GB of built-in flash memory to store and access (1:N) up to 40,000 biometric templates.

The optional built in card readers enable the TOUCH 2 to perform multifactor authentication with a combination of fingerprint, card and/or PIN. The ultimate "do-anything" device, TOUCH 2 is ideal for a variety of applications such as access control and workforce management.

TECHNICAL SPECIFICATIONS

Processor	ARM Cortex A8 - 1 GHz
Graphics Engine	POWERVR SGX530 3D
RAM	512 MB DDR3L @ 400 MHz
Flash Memory	1 GB
Operating System	Android & Secure Linux
Fingerprint Sensor	500dpi Optical Sensor
Communication Options	TCP/IP, RS - 232, USB Aux, RS-485 (OSDP v2)
Ethernet	100BASE-T
Wi-Fi *(selected models only)*	802.11 b/g/n
USB	USB 2.0 (OTG), USB 2.0
Camera	QVGA @ 30 fps *(Face detection & image capture)*
Flash	High intensity LED
Wiegand	Customizable up to 512 bits
# of SPOs / SPIs	3 & 3
Panel Feedback	Available (2 Physical Lines)
Door Access Controller	Relay rating 2A@24VDC (1 Output, 2 Input, 1 Relay)
Door Strike Supply	12 VDC@500 mA
Anti Shock Vandal Protection	Standard
LCD	2.4" IPS Cap Touchscreen
Screen Protection	Corning Gorilla Glass
Proximity Sensor	Auto-on (2 meters)
LEDs	RGB (Power & Status)
Audio	Speaker & Mic
Intercom	VoIP
Battery Backup	Li-ion 1400 mAh *(Sold separately)*
1:N Users (Fingerprint)	20K users (40K biometric records)
1:1 Users (Fingerprint)	100K users (200K biometric records)
Template Storage (Privacy)	Configurable – On Device, Server or Card
Matching Speeds	< 1 second
# of Transaction Logs	500,000
PoE	IEEE 802.3af
Power Supply	PoE, 12 VDC@1A, 24 VDC@0.5A
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	Wi-Fi	Color
TOUCH 2	FP1 | Fingerprint + No RFID Reader	No Wi-Fi	Black & Chrome
	FP2 | Fingerprint + RFID Reader[†] (EM Prox / MiFARE / DESFire)	With Wi-Fi	
	FP3 | Fingerprint + RFID Reader[†] (HID Prox)		
	FP4 | Fingerprint + RFID Reader[†] (iCLASS / MiFARE / DESFire)		
	FP5 | Fingerprint + 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 of DESFire EV1 cards.