

INVIXIUM



TOUCH 2

NOW TOUCHLESS

TOUCH 2 WITH FACE

The popular TOUCH 2 Series is now equipped with face recognition for access control and workforce management. The 5 MP camera on the TOUCH 2 is able to perform fixed focus face recognition of up to 5000 users (1:N) in under 1 second. Available from the Invixium factory or as a licensed firmware upgrade for all existing TOUCH 2 units in the field, TOUCH 2 with Face is Invixium's most affordable face recognition product allowing existing and new customers to conveniently shift to touchless biometrics. Ideal for high security applications with a modest budget, TOUCH 2 is a multibiometric solution offering up to 4 factor authentication (Face + Fingerprint + Card + PIN).



TOUCH 2

Multimodal. Yet Affordable.

TOUCH 2 is an interactive do-it-all biometric device for access control, workforce management, and intercom. The capacitive touchscreen display menu allows for quick setup and configuration making TOUCH 2 an extremely versatile product.

The perfect solution for time tracking, TOUCH 2 brings a refreshingly modern design to the biometric market with a 5 MP camera for face detection ([upgradeable to face recognition](#)), an enhanced IPS LCD Touchscreen for a visually stunning experience and the latest Corning Gorilla Glass providing increased toughness. Equipped with a powerful 1 GHz processor, TOUCH 2 has extremely fast processing speeds which when paired with the 1 GB Flash Memory allows for sufficient storage and search. With a plethora of modern access control features, TOUCH 2 is a visually stunning, all-in-one, “do everything” machine for smart homes, enterprises and industries alike.



CAMERA



PoE+



DEVICE POWERS
DOOR STRIKE



Wi-Fi



BATTERY BACKUP



Corning®
Gorilla® Glass



Technical Specifications

Processor	ARM Cortex A8 - 1 GHz
Graphics Engine	POWERVR SGX530 3D
Random Access Memory	512 MB DDR3L @ 400 MHz
Flash Memory - NAND	1 GB
Operating System	Android® OS 4.1.2
Serial Communication	RS - 232, USB-Aux RS - 485 (OSDP Compliant)
Ethernet	100BASE-T
Wi-Fi*	802.11 b/g/n
Camera	Omnivision 5 MP QVGA @ 30 fps
Flash	High intensity LED flash
Ambient Sensor	Up-to 50,000 lux (Configurable)
Wiegand	Customizable up-to 512 bits
USB	USB 2.0 On - The - Go (OTG)
# of SPOs & SPIs	3 & 3
Door Access Controller	1A (1-Output, 2-Input, 1-Relay)
Door Strike Supply	12V @ 500mA
Anti-Shock Vandal Protection	Standard
LCD & Interface	2.4" IPS Cap Touch Screen
Auto On (Proximity Sensor)	Yes (2 meters)
Audio	Speaker (2 Watts), Microphone
Super Strong Protective Screen Cover	Corning® Gorilla® Glass
Battery Back-up	Li-ion 1400 mAH (Sold separately)
1 : N Users (Face Recognition)**	5K users (5K biometric records)
1 : 1 Users (Face Recognition)**	50K users (50K biometric records)
1 : N Users (Fingerprint)	20K users (40K biometric records)
1 : 1 Users (Fingerprint)	100K users (200K biometric records)
# of Transaction Logs	500K
PoE+	IEEE 802.3at
Power Supply***	12V DC @ 1A, 24V DC @ 0.5A
Operating Temperature	-20° C to +60° C (-4° F to +140° F)
Relative Humidity	0% ~ 95%, non condensing
Regulatory Approvals and Certificates	FCC, CE, RoHS, IP65, IK08

***If device is powering the door strike, power supply should be 12V DC @ 1.5A.

**TOUCH 2 with Face Recognition requires an Upgrade at an additional cost.

*Only with S Series (FP Sensor option)

Dimensions



Device Models

TOUCH 2	Sensor	Model	Option	Color
Base	FP	1	Base	White/Gold
With Face	FPL	2	Wi-Fi	Black/Chrome
		3		
		4		
		5		

FP - Optical Sensor
FPL - Lumidigm Multispectral Sensor

Base - PoE, Camera
Wi-Fi - Camera, PoE, WiFi, Bluetooth

- 1 - No Card
- 2 - (EM Prox / MiFARE / DESFire)†
- 3 - (HID Prox)†
- 4 - (iCLASS / MiFARE / DESFire)†
- 5 - (EM Prox / HID Prox / iCLASS / MiFARE / DESFire)†

†EM Prox - 125 KHz (4100, 4102, 4200)

HID Prox - 125 KHz (ProxCard II)

iCLASS - 13.56 MHz (iCLASS Standard, iCLASS SE)

MiFARE - 13.56 MHz (MiFARE Classic, DESFire, DESFire EV1)