

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 v2 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 | | Black/Titanium |
| | | 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/EV2)

*DESFire EV2 cards are supported by having backward compatibility of DESFire EV1 cards.