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 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.
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

Dimensions

**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)

Device Models

<table>
<thead>
<tr>
<th>TOUCH 2</th>
<th>Sensor</th>
<th>Model</th>
<th>Option</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>Base</td>
<td>FP</td>
<td>1</td>
<td>Base</td>
<td>White/Gold</td>
</tr>
<tr>
<td>With Face</td>
<td>FPL</td>
<td>2</td>
<td>Wi-Fi</td>
<td>Black/Chrome</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>5</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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, 4300)
HID Prox - 125 KHz (ProxCard II)
iCLASS - 13.56 MHz (iCLASS Standard, iCLASS SE)
MiFARE - 13.56 MHz (MiFARE Classic, DESFire, DESFire EV1)

Invixium Copyright © 2020, invixium.com
PN XAD-20B-012-01G