

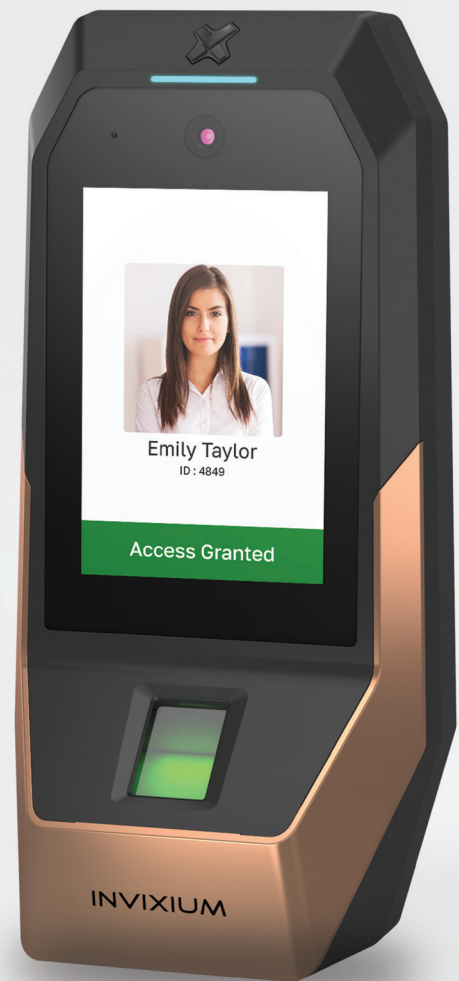
# IXM TOUCH 3

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**Finger. Excellence. Affordable.**

TOUCH 3 is the latest model of the highest-selling TOUCH series with advanced fingerprint technology, engineered for today's evolving access control, workforce, and visitor management needs. With support for multi-factor authentication, TOUCH 3 offers flexible options such as RFID, PIN, mobile credentials, and QR codes, allowing businesses to tailor access to user preferences. The ergonomically angled fingerprint sensor is designed for natural finger placement, enabling fast and comfortable authentication that reduces queues during high-traffic periods.

TOUCH 3's aesthetics feature a stylish two-tone finish paired with a clean, user-friendly UI/UX, an IP65-rated durable design, and seamless compatibility with major Access Control Panels. TOUCH 3 is ready for indoor use across offices, clinics, and enterprises, making it an elegant option for security and operational excellence.



# TECHNICAL SPECIFICATIONS

Processor	1.7 GHz Dual Core NXP i.MX 93
Graphics Engine	Yes
Memory	8 GB Flash + 1 GB RAM
Operating System	Secure Linux
Communication Options	TCP/IP, USB Aux, RS-485 (OSDP v2), Wi-Fi
Ethernet	100BASE-T
Wi-Fi ( <i>Selected models only</i> )	802.11a/b/g/n (Dual-band 2.4 and 5 GHz)
Bluetooth ( <i>Selected models only</i> )	BLE 5.2
NFC ( <i>Selected models only</i> )	Supported
USB	USB 2.0 OTG, Type-C
Wiegand	Customizable up to 512 bits
# of SPOs & SPIs	2 & 2
Panel Feedback	Available (2 Physical Lines)
Door Access Controller	Relay rating 2A@24VDC (1 Output, 2 Inputs, 1 Relay)
Tamper Protection	Supported
Display	3.5" IPS Touchscreen LCD, 320*480 pixels
Camera	1 MP
Screen Protection	Toughened Glass
LEDs	RGB
Audio	Mic and Speaker
Intercom	VoIP
Fingerprint Sensor	FBI Certified SecuGen Optical Sensor
Fingerprint Capacity	40,000 Templates (1:N), 100,000 Templates (1:1)
Card Capacity	100,000 Users (1:1)
Transaction Log Capacity	500,000 Logs
Image Log Capacity	10K Images
Matching Speed	<1 second
Template Storage (Privacy)	Configurable – On Device, Server or Card
Mobile Credentials	Digital Card supported via IXM Mobile
Other Credentials	PIN, RFID, QR Codes
PoE ( <i>Selected models only</i> )	IEEE 802.3af
Power Supply	PoE, 12 VDC@1A, 24 VDC@0.5A
Environmental Rating	IP65 and IK08
Operating Temperature	-20° to +50° C (-4° to 122° F)
Relative Humidity	0-95% non-condensing
Regulatory Approvals & Certificates	FCC, CE, RoHS, UKCA, BIS
Dimensions	178 x 78 x 55 mm (L x W x D)

## DIMENSIONS



## DEVICE MODELS

Product	Models						Color
TOUCH 3	Model	Fingerprint	PIN + QR	RFID Reader†	PoE, WiFi, BLE	NFC	Black & Copper
	FP1	✓	✓	×	×	×	
	FP2	✓	✓	EM Prox / MiFARE / DESFire	×	✓	
	FP1 PWB	✓	✓	×	✓	×	
	FP2 PWB	✓	✓	EM Prox / MiFARE / DESFire	✓	✓	
	FP5 PWB	✓	✓	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/EV3\*)

\*DESFire EV2 and EV3 cards are supported by having backward compatibility with DESFire EV1 cards