

# IXM TOUCH 3

**Modern Features. Premium Design.  
Secure Fingerprint Authentication.**

IXM TOUCH 3 is the newest member of our highest selling TOUCH Series. It leverages advanced fingerprint recognition technology to ensure quick, accurate, and secure authentication for access control and workforce management applications, enhancing security and operational convenience.

TOUCH 3 features a vibrant and responsive 3.5" IPS LCD touchscreen, offering a clear and user-friendly interface for easy interaction. It also supports multiple access options, including PINs, RFID credentials, and QR Codes, catering to diverse user needs. Additionally, its durable design and IP65 rating make it suitable for various verticals. TOUCH 3 is fully compatible with all major access control panels via IXM Link.



# TECHNICAL SPECIFICATIONS

Processor	1.7 GHz Dual Core NXP i.MX 93
CPU	64-bit Cortex® - A55
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 (Selected models only)	802.11 a/b/g/n
Bluetooth (Selected models only)	Bluetooth 5.2
NFC (Selected models only)	Supported
USB	USB 2.0 (OTG), USB 2.0
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
LCD	3.5" IPS Touchscreen LCD
Camera	2 MP
Screen Protection	Toughened Glass
LEDs	RGB (Power & Status)
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
Authentication 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 (Selected models only)	IEEE 802.3af
Power Supply	PoE, 12 VDC@2A, 24 VDC@1A
Environmental Rating	IP65 and IK08
Operating Temperature	0° to +60° C (32° to 140° F)
Relative Humidity	0-95% non-condensing
Regulatory Approvals & Certificates	FCC, CE, RoHS, UKCA, BIS
Dimensions	178 x 78 x 45 mm (L x W x D)

## DIMENSIONS



## DEVICE MODELS

Product	Models					Color
TOUCH 3	Model	Fingerprint	PIN & QR	RFID Reader†	PoE, WiFi, BT, NFC	Black & Chrome
	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\*)

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