



IXM MERGE

Effective. Bold. Focused.



MERGE is an engineering and design marvel! With its revolutionary balance of cost and features, MERGE incorporates outstanding technology including a 2.0 inch in plane switching (IPS) LCD delivering stunning colors and wide viewing angle, a hybrid of flex & rigid PCBA contributing to a stunningly svelte design and an innovative and razor slim sensor from NEXT operating on Active Thermal Sensing technology delivering unmatched performance with any finger type (dry, wet or otherwise); enabling the sensor placement flush to the product surface for smooth and natural finger placement. Of course, this engineering masterpiece possesses the quality and performance values of the Invixium brand and is interoperable with our other products through IXM WEB.

IXM MERGE CR has all the ingredients of the MERGE family except LCD & Fingerprint sensor. It also includes support for various RFID card technologies, making it ideal for installations where card based devices are required.



SLIM
FACTOR



THERMAL
SENSING



800MHz
PROCESSOR



CAP TOUCH

CORNING
Gorilla® Glass

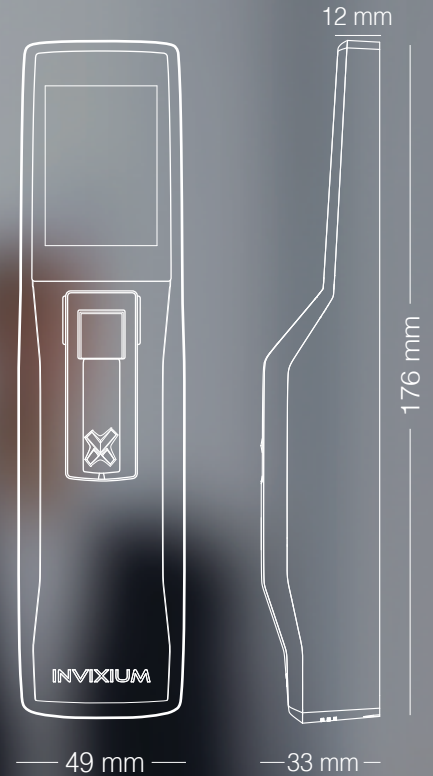
Corning®
Gorilla® Glass



Technical Specifications

Processor	ARM Cortex A8 – 800MHz
Random Access Memory	512 MB DDR3L
Flash Memory - NAND	512 MB
Operating System	Android® 4.1.2 (Jelly Bean)
Serial Communication	RS485, USB Aux
Ethernet	100BASE-T
Wiegand	Customizable up-to 512 bits
USB	USB 2.0 On - The - Go (OTG)
# of SPO	1
Door Access Controller	1A (1-Output, 2-Input, 1-Relay)
Anti-Shock Vandal Protection™	Standard
LCD & Interface	2.0 inch IPS Cap Touch screen
Super Strong Protective Screen Cover	Corning® Gorilla® Glass 4
LEDs	1 (Power & Status)
Audio	Speaker
1: N Users (records)	500 users (1K biometric records)
1 : 1 Users (records)	5K users (10K biometric records)
# of Transaction Logs	25K
Voltage & Current	12V - 24V DC (200mA)
Operating Temperature	0° C to +60° C (32° F to +140° F)
Regulatory Approvals and Certificates	FCC, CE, RoHS, IP65 Kit (sold seperately)

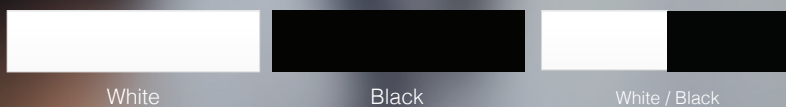
Dimensions



Device Models

Models	NEXT	SecuGen®	Lumidigm®	PoE	Battery	Wi-Fi†	EM Prox**	HID Prox**	MiFARE†	iCLASS†
FP22	•	-	-	•	-	-	-	-	•	-
FP4	•	-	-	•	-	-	-	-	•	•

COLOR OPTIONS



**EM Prox - 125 KHz (4100, 4102, 4200) and HID Prox - 125 KHz (ProxCard II)
 † MiFARE - 13.56 MHz (MiFARE 1K/4K, DESFire, DESFire EV1) and iCLASS - 13.56 MHz (iCLASS 16K/32K)
 ‡ Wi-Fi feature is optional where indicated (o). Kindly specify at time of purchase.

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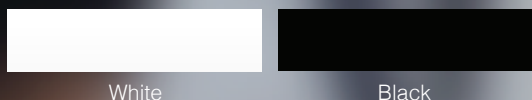
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Device Models

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