



MERGE CR

Simple. Elegant. Effective.

MERGE CR, the card-only member of the Invixium product family, is a succinct expression of Invixium's DNA. By balancing cost-effectiveness with the core features end users want most, MERGE CR delivers outstanding value for the card reader access control market. With stripped-down features, the true beauty of MERGE CR shines through highly used elements such as PoE compatibility, Wiegand connection up to 512 bits, customizable LEDs and support for MiFARE and DESFire cards. Its slim, exquisite form factor is a perfect complement to any indoor space. This masterwork of engineering upholds the design and quality standards that Invixium is committed to providing and is interoperable with our other products through IXM WEB.



800MHz
PROCESSOR



PoE



ANTI-SHOCK
VANDAL PROOF



SLIM
FACTOR

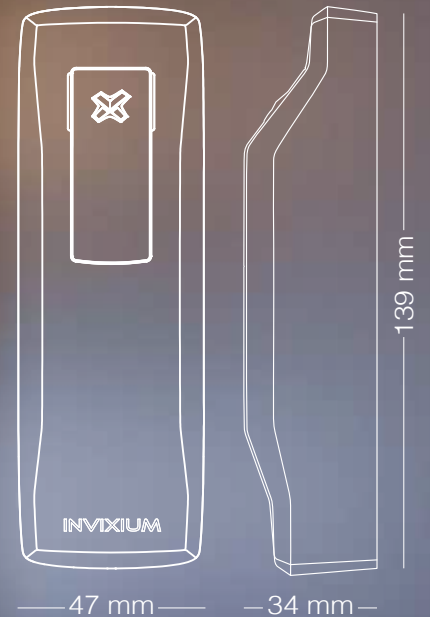


COLOR
OPTIONS

Technical Specifications

Processor	ARM Cortex A8 – 800MHz
Random Access Memory	512 MB DDR3L
Flash Memory - NAND	512 MB
Operating System	Android® OS
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
LEDs	1 (Power & Status)
Audio	Speaker
1 : 1 Users	50K users
# of Transaction Logs	100K
PoE+	IEEE 802.3at
Power Supply	12V DC @ 1A, 24V DC @0.25A
Operating Temperature	0° C to +60° C (32° F to +140° F)
Relative Humidity	0% ~ 80%, non condensing
Regulatory Approvals and Certificates	FCC, CE, RoHS

Dimensions



Device Models

MERGE CR	Card	Color
	CR	White
		Black

How to Order

MERGE CR	CR	White
MERGE CR	Card Reader† Only (MIFARE / DESFire)	White

CR - Card Reader† Only (MIFARE / DESFire)

MIFARE - 13.56 MHz (MIFARE Classic, DESFire, DESFire EV1/EV2*)

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