

M680 SERIES

1,100 lbs Holding Force

The Smart, Stylish and Secure Magalock®

The M680 from Securitron delivers unsurpassed intelligence, style and convenience.

Intelligence. A built-in, smart voltage sensing microprocessor controls Securitron's patented BondSTAT and door position status monitoring.

Style. The aesthetics of the M680 are refined enough for the most discriminating designer openings.

Convenience. An integrated camera option provides a unique perspective for discreet surveillance and clear facial views.

Easy installation. The fastest, easiest, most secure installation of any bracket-mount maglock.



PRODUCT FEATURES

- Bracket mounting provides the easiest install for out-swing doors
- Innovative install templating for an effortlessly accurate alignment between magnet and armature plate
- Sleek, low profile and refined lines for improved aesthetics
- LED visual locked status with configurable red/green color output
- BondSTAT™ lock bond sensor - Patented
- Integrated door position switch
- Autosensing dual-voltage with microprocessor technology
- Adjustable automatic relock timer (0 to 30 seconds)
- Wire chamber anti-tamper switch
- Efficient, low power usage
- Size optimized for use with door closers
- MagnaCare® lifetime replacement, no fault warranty

SPECIFICATIONS

- UL 1034 Burglary-Resistant Listed
- UL 10C Listed
- CAN4-S104, CAN/ULC Listed
- UL 294 Recognized Component

- ANSI/BHMA A156.23, Grade 1; E18501-1000
- CSFM - California State Fire Marshal Listed
- Patents: D682,655; D690,576; 8,094,017
- Patents Pending

Holding Force:
1,100 lbs [499 kg]

Dimensions:
M680BD Magalock: 11-1/2" L x 2-9/16" D x 2-1/2" H
Strike: 10-7/8" L x 9/16" D x 2" H

Electrical:
550 mA (± 10%) at 12 VDC
300 mA (± 10%) at 24 VDC

Operating Temperature:
+32 to +110F [0 to +43C]
Indoor use only

Shipping Weight:
13 lbs [5.44kg]

Finishes:
US28/628 - Satin Aluminum
Clear (Standard)

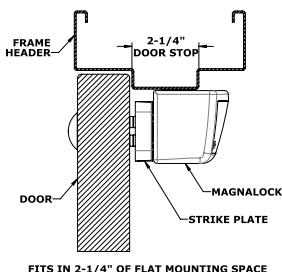
US20A/313 - Satin Brown

335 - Satin Black

US03/605 - Polished Brass

US04/606 - Satin Brass

US10/612 - Satin Bronze



FITS IN 2-1/4" OF FLAT MOUNTING SPACE

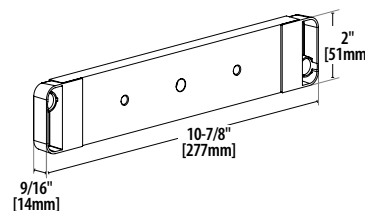
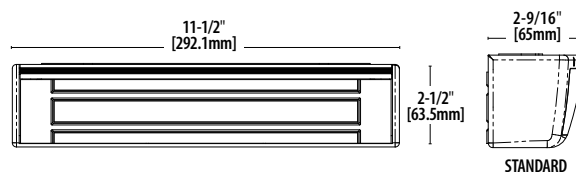


MODELS

PART # | Description

M680BD	M680 Standard Magalock (w/BondSTAT, DPS) in Satin Aluminum
M680BD-313	M680 Standard Magalock, Satin Brown
M680BD-335	M680 Standard Magalock, Satin Black
M680BD-605	M680 Standard Magalock, Polished Brass
M680BD-606	M680 Standard Magalock, Satin Brass
M680BD-612	M680 Standard Magalock, Satin Bronze

For flexible mounting brackets, see page 26.



DUAL VOLTAGE



GRADE 1



FIRE RATED

SECURITRON
ASSA ABLOY



PRODUCT FEATURES AND SPECIFICATIONS:

- All M680 features and standards from page 14

SPECIAL PRODUCT FEATURES:

- Adjustable passive infrared (PIR) request to exit (REX)
 - Automatically cuts power to the M680 for egress
 - REX output
 - Easily adjustable beam pattern
 - Adjustable relock timer

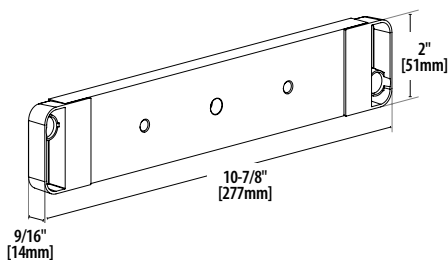
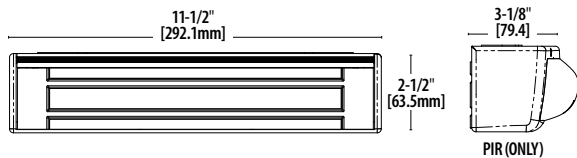
SPECIFICATIONS

Dimensions:
M680BDX Magnalock:
 11-1/2" L x 3-1/8" D x 2-1/2" H
Strike:
 10-7/8" L x 9/16" D x 2" H

Electrical:
Magnalock Power
 550 mA (± 10%) at 12 VDC
 300 mA (± 10%) at 24 VDC

REX Power*
 25 mA (± 10%) at 12 VDC
 10 mA (± 10%) at 24 VDC

*A separate continuous power input is required to power the REX



M680BDX

The Smart, Stylish and Secure Magnalock® with Integrated Adjustable Passive Infrared Request to Exit

The M680BDX with integrated request to exit (REX) provides optimum coverage for detecting an approaching person so the door unlocks for egress. The configurability of the passive infrared (PIR) beam allows the detection area to be tailored to your environment, for better accuracy.

MODELS

PART # | Description

Magnalock model M680 with REX

M680BDX	M680 w/ REX in Satin Aluminum
M680BDX-313	M680 w/ REX, Satin Brown
M680BDX-335	M680 w/ REX, Satin Black
M680BDX-605	M680 w/ REX, Polished Brass
M680BDX-606	M680 w/ REX, Satin Brass
M680BDX-612	M680 w/ REX, Satin Bronze

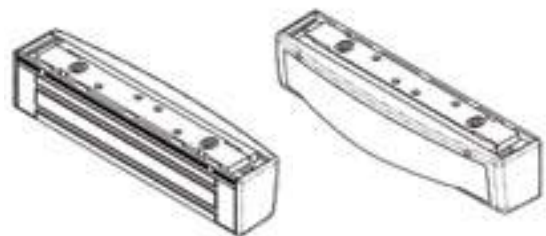
Safety Note: Securitron recommends an emergency exit button be used in conjunction with the M680BDX to meet applicable building and life safety codes.



REX shown adjusted for hallways



REX shown adjusted for door approach



DUAL VOLTAGE



GRADE 1



FIRE RATED



MAGNACARE WARRANTY



LISTED



M680BDCX

The Smart, Stylish and Secure Magnalock® with Integrated Video Surveillance Camera and Passive Infrared Request to Exit



PRODUCT FEATURES AND SPECIFICATIONS:

- All M680 features and standards from page 14
- Adjustable passive infrared (PIR) request to exit (REX)
 - › Automatically cuts power to the M680 for egress
 - › REX output
 - › Easily adjustable beam pattern
 - › Adjustable relock timer

BLACK & WHITE FEATURES:

- Analog black/white CCTV camera
 - › 112 degree view angle
 - › 420 TV line resolution
 - › 48db S/N ratio
 - › 0.1 LUX minimum illumination day/night operation
 - › Supports BNC connection

COLOR FEATURES:

- Analog color CCTV camera
 - › 112 degree view angle
 - › 520 TV line resolution
 - › 48db S/N ratio
 - › 1.5 LUX minimum illumination day/night operation
 - › Supports BNC connection

SPECIFICATIONS

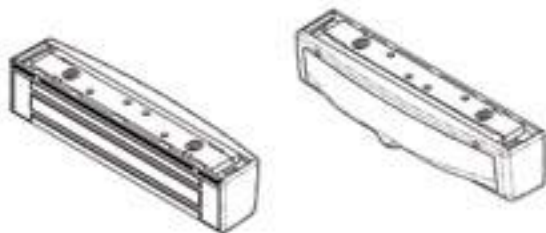
Dimensions:
M680BDCX Magnalock:
11-1/2"L x 3-1/8"D x 2-1/2"H
Strike: 10-7/8"L x 9/16"D x 2"H

Electrical:
Magnalock Power
550 mA (± 10%) at 12 VDC
300 mA (± 10%) at 24 VDC
Camera and REX Power*
225 mA (± 10%) at 12 VDC
90 mA (± 10%) at 24 VDC

* A separate continuous power input is required to power the camera and REX



PIR + CAMERA



MODELS

PART # | Description

Magnalock model M680 with B&W camera and REX

M680BDCX	M680 w/ REX and BW Camera, Satin Aluminum
M680BDCX-313	M680 w/ REX and BW Camera, Satin Brown
M680BDCX-335	M680 w/ REX and BW Camera, Satin Black
M680BDCX-605	M680 w/ REX and BW Camera, Polished Brass
M680BDCX-606	M680 w/ REX and BW Camera, Satin Brass
M680BDCX-612	M680 w/ REX and BW Camera, Satin Bronze

Magnalock model M680 with color camera and REX

M680BDCX	M680 w/ REX and Color Camera, Satin Aluminum
M680BDCX-313	M680 w/ REX and Color Camera, Satin Brown
M680BDCX-335	M680 w/ REX and Color Camera, Satin Black
M680BDCX-605	M680 w/ REX and Color Camera, Polished Brass
M680BDCX-606	M680 w/ REX and Color Camera, Satin Brass
M680BDCX-612	M680 w/ REX and Color Camera, Satin Bronze

Safety Note: Securitron recommends an emergency exit button be used in conjunction with the M680BDCX to meet applicable building and life safety codes.



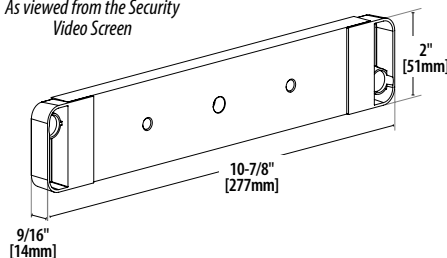
Integrated Video Surveillance Camera



Integrated Adjustable REX



As viewed from the Security Video Screen



9/16" [14mm]



DUAL VOLTAGE



GRADE 1



FIRE RATED



MAGNACARE WARRANTY



LISTED

SECURITRON
ASSA ABLOY