

OBSIDIAN TOUCHSCREEN DEADBOLT FEATURING Z-WAVE® 500 CHIPSET

Model #: Obsidian

Function: Electronic Touchscreen Deadbolt



Convenience

- 10-digit capacitive touchscreen with one-touch locking
- Motorized locking mechanism enables true remote locking & unlocking
- Tapered deadbolt design permits misaligned doors to lock & unlock with ease
- 9V battery backup power

Customizable Features

- SecureScreen™ security feature - ON/OFF
- Auto re-lock 30-seconds after unlocking - ON/OFF
- Interior LED locked/unlocked status - ON/OFF
- Audible feedback - ON/OFF

Security

- SecureScreen™ - patented security feature prevents on-screen fingerprint user code identification
- 128-bit Advanced Encryption Standard (AES) communication
- BHMA Grade 2 certified
- UL-certified 20-minute rating
- Drill and pick resistant backup keyway with BumpGuard™ protection
- 30 user access code capacity, 4-8 digit code length
- MasterCode feature
- User settings stored on lock memory - settings remain even in case of a power outage
- Independent, local user authentication - no controller connectivity required
- Audit trail logging stores access history in the lock memory
- Date/time scheduled user access control
- Incorrect code protection with audible alarm

Specifications

Electrical:

Input Power 6V (4 x AA alkaline batteries)

Mechanical:

Door Prep	1 1/2" - 2 1/8" diameter face hole & 1" diameter latch hole
Backset	Adjustable 2 3/8" or 2 3/4"
Door Thickness	1 3/8" - 2"
Faceplates	1" x 2 1/4" round corner standard
Strikes	Round corner strike 1 1/8" x 2 3/4"
Latch	Round corner adjustable 2 3/8" x 2 3/4"
Bolt	1" throw, steel deadbolt
Door Handing	Reversible

Environmental:

Temperature Range	Exterior: -40°F to 150°F Interior: 32°F to 140°F
Humidity	Exterior: 100% condensing Interior: 30% - 95% non-condensing

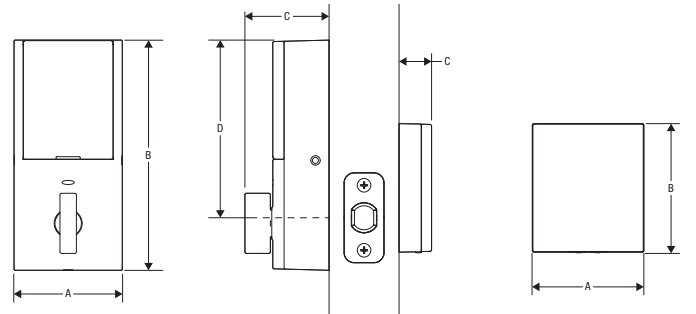
Wireless Communication

- Z-Wave® 500 wireless technology
- RF Operation: 908.42 MHz (US)
- Range: Typical 160ft or more



Electronic Compliance

- Z-Wave® Plus
- FCC Part 15
- Industry Canada
- Australia-New Zealand



Design	A	B	C	D
Interior	2 11/16" (68.2 mm)	5 3/4" (146.05 mm)	2 1/8" (53.97 mm)	4 9/16" (115.88 mm)
Exterior	2 25/32" (70.6 mm)	3 7/32" (81.75 mm)	13/16" (20.6 mm)	---

Supported Command Classes:

- VERSION
- SECURITY
- Z-WAVE PLUS
- MANUFACTURER SPECIFIC
- DEVICE RESET LOCALLY
- BATTERY
- SCHEDULE ENTRY LOCK
- FIRMWARE UPDATE MD
- DOOR LOCK
- USER CODE
- POWER LEVEL
- ASSOCIATION
- ASSOCIATION GROUP INFO
- NOTIFICATION/ALARM
- CONFIGURATION
- TIME PARAMETERS
- DOOR LOCK LOGGING
- ANTITHEFT

Event Notifications:

- Manual Lock Operation
- Manual Unlock Operation
- RF Lock Operation
- RF Unlock Operation
- Keypad Lock Operation (with user ID info)
- Keypad Unlock Operation (with user ID info)
- RF Not Fully Locked Operation
- Autolock Locked Operation
- Autolock Not Fully Locked Operation
- Lock Jammed
- All User Codes Deleted
- Single User Code Deleted (with user ID)
- New User Code Added (with user ID)
- New User Code Not Added, Duplicate
- New User Code Id Entered (with user ID)
- Entered Access Code Exceeds Code Limit
- Unlock By RF, Invalid User Code
- Locked By RF, Invalid User Code
- Battery Alarm
- Tamper Alarm

OBSIDIAN

TOUCHSCREEN ELECTRONIC DEADBOLT

With Z-Wave® 500 Chipset

