

DOREX[®]



F500

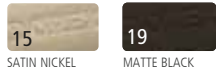
SMART ELECTRONIC DEADBOLT

DOREX[®] F500

The DOREX F500 Smart Electronic Deadbolt is an easy-to-manage, easy-to-use, electromechanical door lock that can be unlocked or locked using a digital key, PIN code, or traditional physical key.

Enjoy the convenience of keyless entry, and advanced user control—all without the need for complicated smart home integration.

Using the mobile application, one or more F500 locks can be managed and programmed in a variety of ways; ideal for low-rise commercial and residential rental projects, including multi-family and senior-living applications.



KEY FEATURES

KEYLESS ENTRY

Unlock your door as you approach using your smartphone and geofencing as a secure digital key.

EASY PROGRAMMING

Control and configure your lock using the intuitive iKey mobile application. Grant access to family, guests or service providers with a simple tap on your device. Available for both iOS and Android smartphones.

BATTERY-POWERED EFFICIENCY

Monitor battery levels through the mobile application, ensuring uninterrupted security without the hassle of physically checking each lock.

EASY INSTALLATION

Upgrade your door security without the need for extensive modifications. The F500 lock is designed for straightforward installation on most doors without any special door preparation.

MULTIPLE LOCK MANAGEMENT

Manage multiple F500 locks with a single application. Whether it is your front door, back door, or even your office, and rental properties.

AUDIT TRAIL

Keep track of who enters your property and when. The on-board audit trail feature provides a detailed log for added security and peace of mind.

BUILT TOUGH

Built to Grade 2 ANSI/BHMA standards and fire-rated for enhanced security and peace of mind.



Each lock is uniquely identified and registered to a single account at a time.

Powered by four AA batteries – lasts for up to 12 months.*

Concealed mounting screws.

Easy to turn thumbturn.

(*) Batteries not included; battery life based on normal use.

How It Works



1 Download and install the iKey Connect mobile app to your smartphone.



2 Register and pair your F500 to your smartphone by scanning the unique QR code for the lock.

Every F500 is unique, no two locks share a code.



All Set!

You can now use your smartphone to lock or unlock your F500.



3 Once scanned and registered, configure your lock's settings and features.

You need to be near your lock.

and
or



4 Share access with family, guests, or tenants.

OR

Assign user roles and management duties to staff, or employees.

Users are sent an email with their digital key and a link to download the iKey app.



SPECIFICATIONS

- Certifications**
- Conforms to ANSI/BHMA A156.5, Grade 2
 - cULus listed, 20min fire-rating
 - UL 1043, Safety for Burglary-Resistant Electric Locking Mechanisms
 - 3 Year limited mechanical warranty
 - 1 Year limited electronic warranty
- Door Thickness**
- 1 $\frac{3}{8}$ –2" (35–51 mm)
- Handing**
- Non handed
- Backset**
- 2 $\frac{3}{8}$ –2 $\frac{3}{4}$ " (60–70 mm) adjustable
- Deadbolt**
- Steel with hardened steel security pin
 - 1" (25.4 mm) throw
- Faceplate**
- Mortise type, square corners
 - 1 x 2 $\frac{1}{4}$ " (25.4x57 mm)
- Strike**
- Security strike (wood frame), square corners
 - 1 $\frac{1}{8}$ x2 $\frac{3}{4}$ " (28.5x70 mm)
- Chassis**
- Steel cylinder housing
 - Exposed mounting screws
 - Integrated all-weather seal
- Preparation**
- Cross bore: 2 $\frac{1}{8}$ " or 1 $\frac{1}{2}$ " (54 or 38mm)
 - Edge bore: 1" (25.4 mm)
- Cylinder**
- Solid brass, 5-pin (drilled 6)
 - Schlage "C" keyway, 2 keys
 - Removable, rekeyable
- Other keyways and keying options available, including CX5 high security.*

- Interface**
- Digital touch keypad
 - White LED back-light

- Electronic Features**
- iKey Connect mobile app control (iOS / Android)
 - 200 User credentials per lock
 - PIN Codes can be single use, scheduled, or permanent
 - Optional keyless entry (geofencing)
 - Optional auto-lock with delay (900 sec. max.)
 - Optional random keypad activation code to prevent number probing
 - Vacation mode (disables keypad)
 - Audit trail (accessible via app)
 - Low battery power indicator (in-app / on-device)
 - Multi-lock management*

(*): Local touring, lock-to-phone management, see instructions for details.

- Protocol**
- BLE Pairing (128-bit encryption)

- Operation Temperature**
- -31° to 150.8°F (-35° to 66°C)

Temperature tolerance can vary due to weather.

- Power**
- DC 6V

Four (4) AA 1.5V alkaline batteries NOT included

- Function**
- 51 Single cylinder, thumb-turn

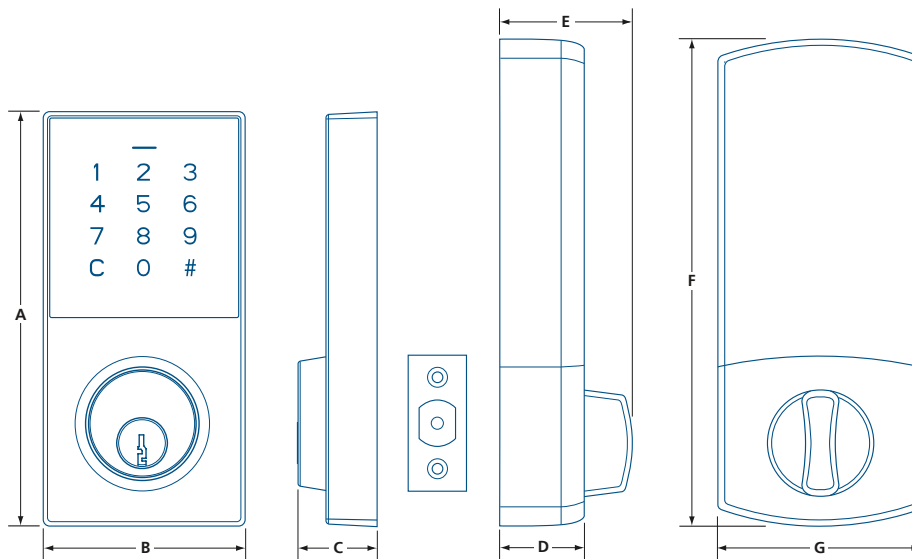
- Finish**
- 15–Satin nickel, 19–Matte black

Other finishes available by special order

AMM	-	F500T	-	NB	-	2	51	KD	M	-	15
TYPE	SERIES	PROTOCOL	KEYWAY	FUNCTION	KEYING	LATCH	FINISH				

🔑 Full physical and digital keying services available – please contact your local representative for details.
Fully compatible with CX5 High Security cylinders.

DIMENSIONS



	A	B	C	D	E	F	G
AMM-F500T	5 $\frac{3}{8}$ (136)	2 $\frac{5}{8}$ (66)	1 (26)	1 $\frac{1}{8}$ (28)	1 $\frac{3}{4}$ (44)	6 $\frac{5}{16}$ (160)	2 $\frac{5}{8}$ (67)

IN (MM)

