



Revolution Digital Locks

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Revolution Stand-Alone Touchscreen Lock

Premier Product

The Arrow Revolution stand-alone touchscreen lock combines the functional elements of a cylindrical lockset with the latest technology designed for electronic aesthetics. Dealers will benefit by providing an up to date technological solution that is also quick and easy to install.

Users benefit from a simple interaction with the lock through a voiceguided touchscreen, making day-to-day use and programming easy. The Revolution is recommended for healthcare facilities, offices, retail environments, multi-family, hospitality, government facilities, as well as K-12 school environments. The Revolution provides a traffic control solution for areas requiring restricted access. If necessary either a single user or all users can be easily locked out by the administrator. This feature provides a quick lockout option in case of a security concern.



REVOLUTION

Certification:

All Arrow Revolution Stand-alone Touchscreen Locks are UL/cUL listed for use on 3 hour, A label or lesser doors and are certified to conform to and exceed the requirements of ANSI/BHMA A156.2, Series 4000, Grade 1.

- Federal Specification FF-H-106C
- ANSI A117.1 Accessibility Code
- California State Reference Code for levers returning to within 1/2" (12.7mm) of door surface



Features & Specifications:

Electronic Elements:

- Stand-alone touchscreen access locking device
- Interactive voice-guided programming
- Tri-lingual, English/Spanish/French
- 4 AA batteries
- Request to enter (REX) input allows remote access capability
- Volume control – High, Low – Default, Silent
- Visual verification of pin code programming
- Feature access through keypad programming, 4-12 digit user pin codes
 - 255 users and 1 master user
 - Lockout Mode
 - Passage Mode
 - Auto Re-Lock



ADA/Americans with Disabilities Act:

Acceptable Door Hardware: Section 4.13.9

Handles, pulls, latches and other operating devices on accessible doors shall have a shape that is easy to grasp with one hand and does not require grasping, tight pinching or twisting of the wrist to operate. Lever operated mechanisms, push-type mechanisms and "U" shaped handles are acceptable designs.



Look for the universal symbol next to Arrow products that comply with ADA accessibility requirements.

Mechanical Components:

- UL listed for use on fire doors
- ADA compliant levers
- Install lock and latch with only 5 screws
- Key Override – Uses standard Arrow cylinders available in AR and CS keyways
- Also available in Small Format Interchangeable and select Large Format Interchangeable Core Prep
- Weather resistant
- Field Reversible
- Door Prep: Standard 161 Prep with one additional 3/4" hole
- Standard three (3) year warranty

Finishes:

- Polished Brass US3, Oil Rubbed Bronze US10B, Satin Chrome US26D

Functions:

- V1-51 Key Override



Revolution Stand-Alone Touchscreen Lock

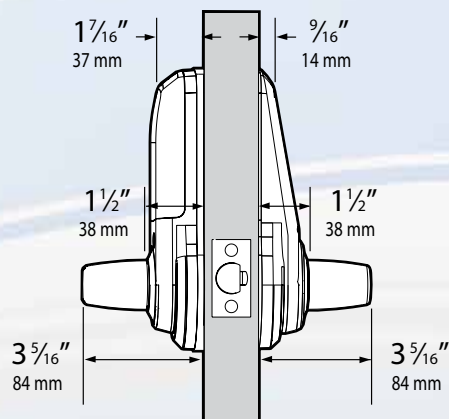
Premier Product

Features (Continued):



OverDrive™ will allow a locked lever to rotate freely without retracting the latch, improving the life and performance of Arrow locksets.

Designs:



OverDrive™ – Freewheeling lever action occurs when latch retraction mechanism disengages from lever handle when handle is locked. Built-in stops in the rose insert prevent lever from traveling beyond approximately 57 degrees.

Backset – 2-3/4" (69.85mm) standard. Also available in 2-3/8" backset.

Packaging – 1 per box, 3 per case.

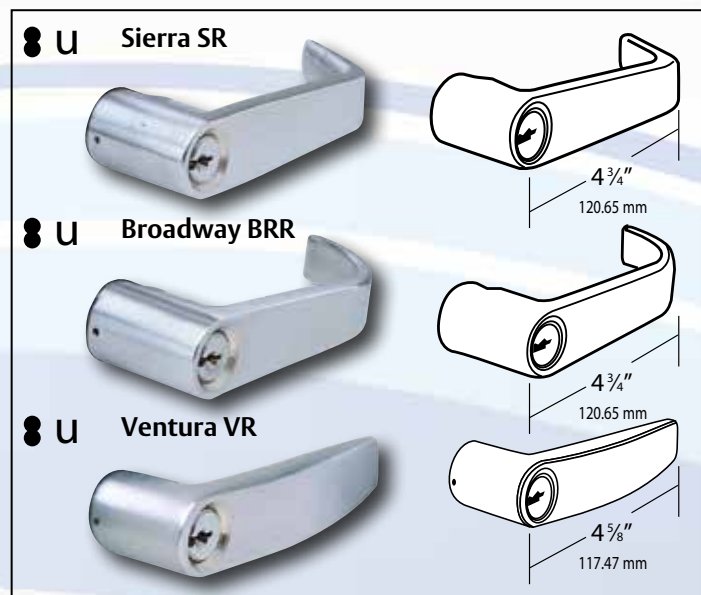
Door Thickness – 1-3/4" (44mm) door thickness standard.

For use on 1-3/8" thick doors, a special thin door kit must be used.

To order the 1-3/8" thin door kit, **Specify Part Number: V1-Kit1**.

This kit includes inside and outside escutcheon spacers as well as a 2-3/8" latchbolt. **Note:** Using a 2-3/8" latchbolt results in Grade 2 certification on the lock.

Note: Revolution REX Wire Harness sold separately.

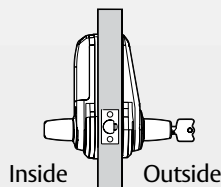


Finishes:

	BHMA	U.S. Equiv.	Arrow Equiv.	Finish
1	605	US3	03	Bright Brass
2	613	US10B	10B	Dark Oxide Bronze, Oil Rubbed
3	626	US26D	26D	Satin Chromium Plated

ARROW FUNCTION

V1-51 Touchscreen with Key Override



DESCRIPTION

- For doors that require mechanical key override.
- Latchbolt retracted by outside lever with valid pincode; by use of mechanical key, or by operating inside lever.
- Inside lever always active.
- Deadlocking latchbolt.

*Lever handles are Free Wheeling in locked position. Shaded area denotes Free Wheeling lever.



Revolution Stand-Alone Touchscreen Lock

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Order Example:

Series: V1
Function: 51 (touchscreen w/key override)
Trim: SR (lever w/angled return)
Finishes: 26D (US26D), 03 (US3),
 10B (US10B)

Strike: V18 (t-strike)
 V14 (ANSI strike)
Latch: V44 (2-3/4" BS x 1-1/8" beveled front)
 V45 (2-3/4" BS x 1-1/8" flat front)

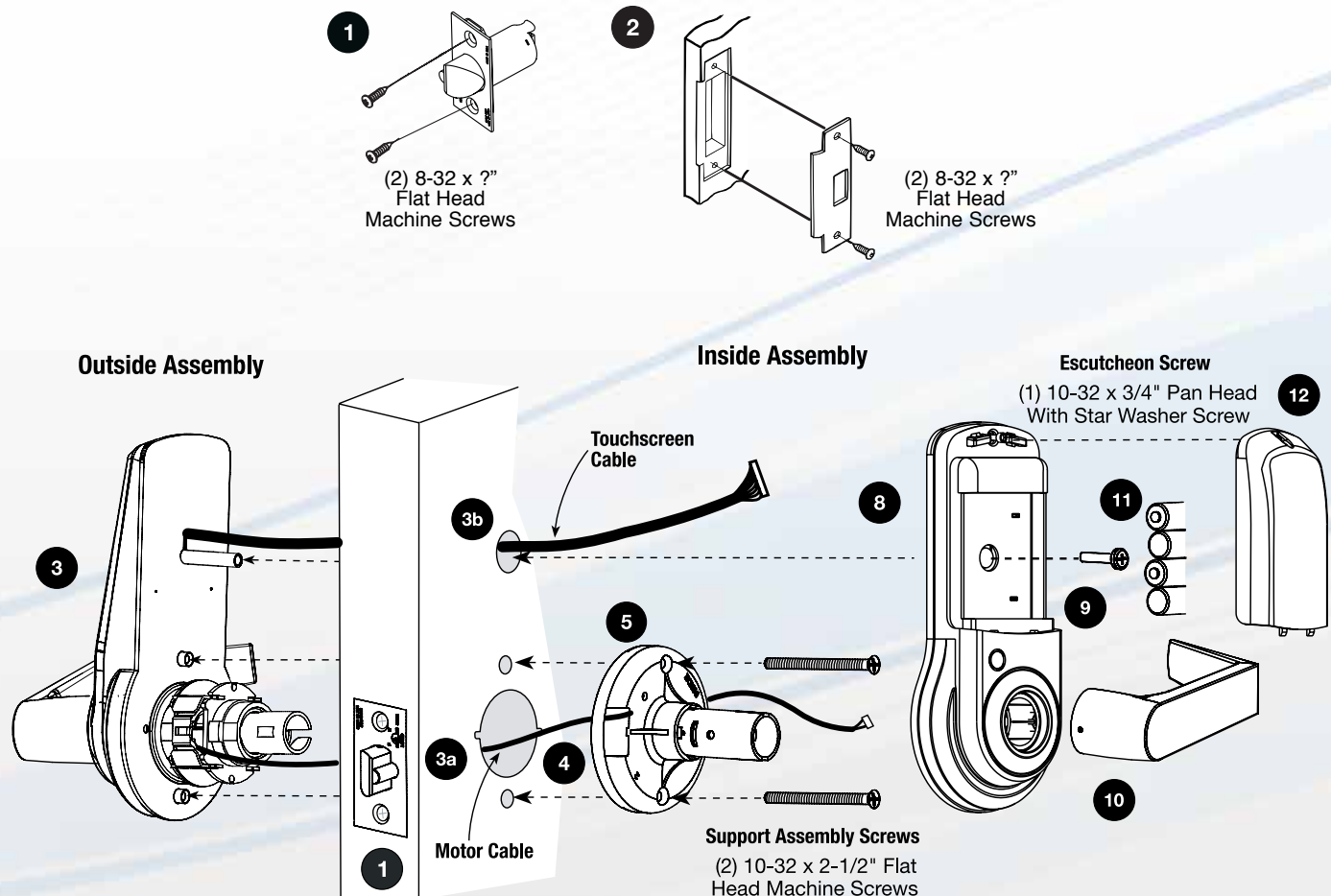
Suffix Options (V1-51 function only):

CIC (Corbin LFIC)
 IC (SFIC less core)
 KD (std. cyl. keyed different)
 LC (less std. cyl.)
 LIC (Medeco/ASSA LFIC)
 OB (0-bitted)
 SIS (Schlage LFIC)

Example: To order a Revolution stand-alone touchscreen lockset with a Sierra design lever, satin chrome finish, with an ASA strike and 2-3/4" backset, keyed different:

Specify:	V1	51	SR	26D	V18	V44	KD
	_____	_____	_____	_____	_____	_____	_____
	Series	Function	Design	Finish	Strike	Latch	Suffix Options

How to Install:



LT-503127-10

Revolution Stand-Alone Touchscreen Deadbolt

Premier Product

The NEW Arrow Revolution stand-alone touchscreen deadbolt offers a high-tech, aesthetically pleasing security solution to enhance everyday deadbolt systems. Using state-of-the-art touchscreen technology, end-users can easily grant access for up to 25 individual users without the need to distribute and keep track

of multiple keys. The Revolution deadbolt is simple to program and easy to install in a matter of minutes.

Multilingual voice guided technology allows for hassle-free programming without a need for bulky manuals. For any facility application requiring an advanced



REVOLUTION

Certification:

- ANSI A117.1 Accessibility Code
- Certified ANSI/BHMA A156.36, Grade 2



Features & Specifications:

Electronic Elements:

- Stand-alone Touchscreen Access Locking Device
- Trilingual – English, Spanish, French
- High Tech Look & Feel
- Volume Levels – High, Low – Default, Silent
- Easy to Use, Install, and Program
- Users:
 - 25 Users
 - Add/Delete Individual Users
- Battery Life – One Year
- Deadbolt Motor – Motorized Bolt In and Out
- Privacy Feature

Mechanical Components:

- Medium Duty Commercial, Grade 2
- Door Thickness:
 - 1-3/8" – 2-1/4" Thick Doors
 - 1-3/8" Requires a Special Thin Door Gasket (Part V1-GSK-PK)
- Keying – Standard Cylinder or SFIC Prep.
- Key Override – Uses standard Arrow cylinders available in CS keyways
- Weather Resistant – Full Wrap Around Gasket on Both Sides
- Manual Retraction – Inside Thumbturn, Clutched Motor Assembly
- Door Prep – Standard Prep; 2-1/8" Through Hole, 1" Bore Hole For Latch
- Backset – Adjustable to 2-3/4" or 2 3/8"
- Warranty
 - 1 year electronic, lifetime mechanical and finish for residential use.
 - 1 year electronic, 3 years mechanical and finish for commercial use.

Finishes:

- US3, US10BP, US15

Functions:

- V2-51 Touchscreen



Revolution Stand-Alone – Touchscreen & Pushbutton Deadbolt

Order Example:

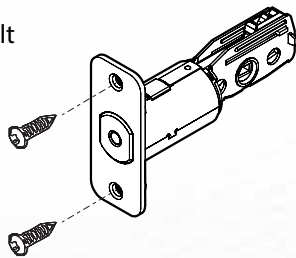
Series:	V2	Strike:	V2S	Suffix Options:	
Function:	41 (pushbutton) 51 (touchscreen)	Latch:	V2L		KD (standard cylinder keyed different)
Finishes:	03 (US3) 10BP (US10BP) 15 (US15)	Keyway:	CS		IC (SFIC less core, not available with 41 function)

Example: To order a Revolution Touchscreen Deadbolt in satin nickel finish, rounded strike, with an adjustable backset for 2-3/8" or 2-3/4", CS keyway, keyed different:

Specify:	V2	51	15	V2S	V2L	CS	KD
	Series	Function	Finish	Strike	Latch	Keyway	Suffix Options

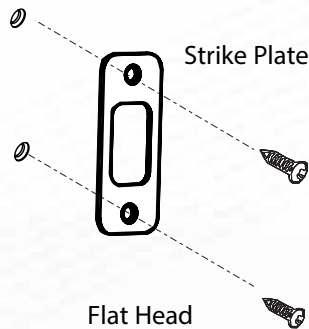
How to Install:

Deadbolt



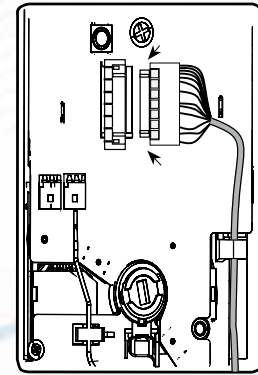
Flat Head
"Combo" Screws
M6 x 8mm
8-32 x 5/16"

Outside

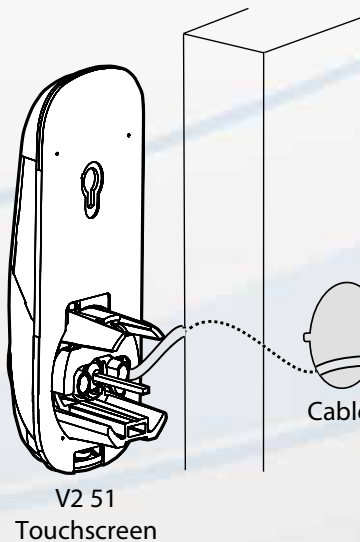


Flat Head
"Combo" Screws
M6 x 8mm
8-32 x 5/16"

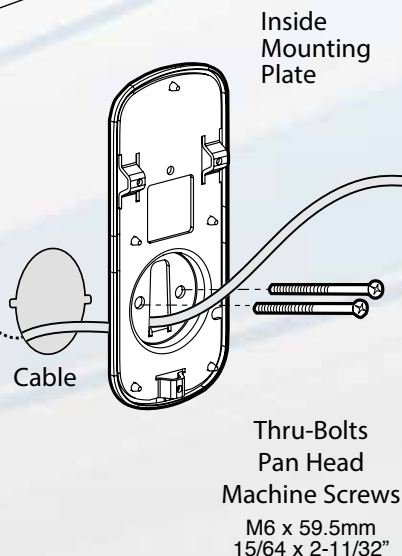
Inside Escutcheon



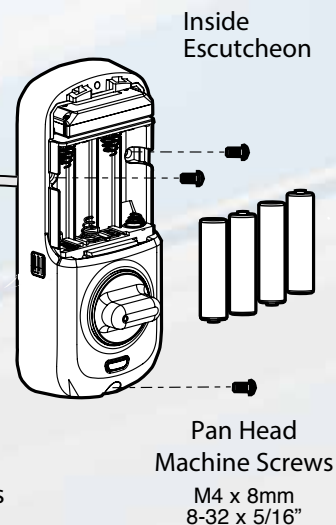
Circuit Board
Cable Connector on
inside circuit board



V2 51
Touchscreen



Thru-Bolts
Pan Head
Machine Screws
M6 x 59.5mm
15/64 x 2-11/32"



Pan Head
Machine Screws
M4 x 8mm
8-32 x 5/16"



Battery
Cover

Revolution Stand-Alone Touchscreen Leverlock

Premier Product

The NEW Arrow Revolution stand-alone touchscreen leverlock offers a high-tech, aesthetically pleasing security solution to enhance everyday leverlock systems. Using state-of-the-art touchscreen technology, end-users can easily grant access for up to 25 individual users without the need to distribute and keep track

of multiple keys. The Revolution leverlock is simple to program and easy to install in a matter of minutes.

Multilingual voice guided technology allows for hassle-free programming without a need for bulky manuals. For any facility application requiring an advanced

featured leverlock to control entry, the Arrow Revolution leverlock is the modern, ideal solution.

Certification:

- ANSI A117.1 Accessibility Code
- Certified ANSI/BHMA A156.36, Grade 2



Features & Specifications:

Electronic Elements:

- Stand-alone Touchscreen Access Locking Device
- Trilingual – English, Spanish, French
- High Tech Look & Feel
- Volume Levels – High, Low – Default, Silent
- Easy to Use, Install, and Program
- Users:
 - 25 Users
 - Add/Delete Individual Users
- Battery Life – One Year

Mechanical Components:

- Medium Duty Commercial, Grade 2
- Door Thickness – 1-3/8" – 1-3/4" Thick Doors
- Key Override – Uses a key-in-lever cylinder available in a CS keyway
- Weather Resistant – Full Wrap Around Gasket on Both Sides
- Door Prep – Standard Prep; 2-1/8" Through Hole, 1" Bore Hole For Latch
- Backset – Adjustable 2-3/8" to 2-3/4"
- Warranty
 - 1 year electronic, lifetime mechanical and finish for residential use.
 - 1 year electronic, 3 years mechanical and finish for commercial use.

Finishes:

- US3, US10BL, US15

Functions:

- V3-51 Touchscreen



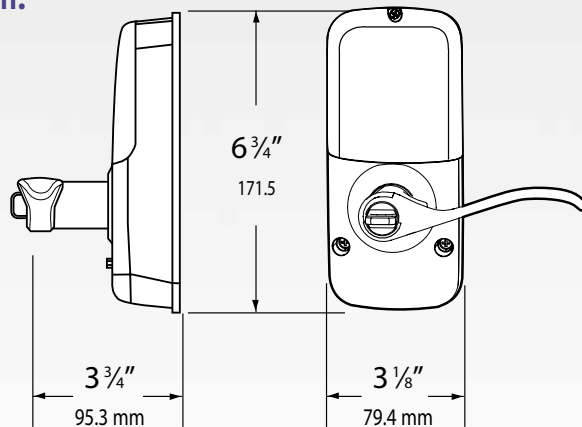
REVOLUTION



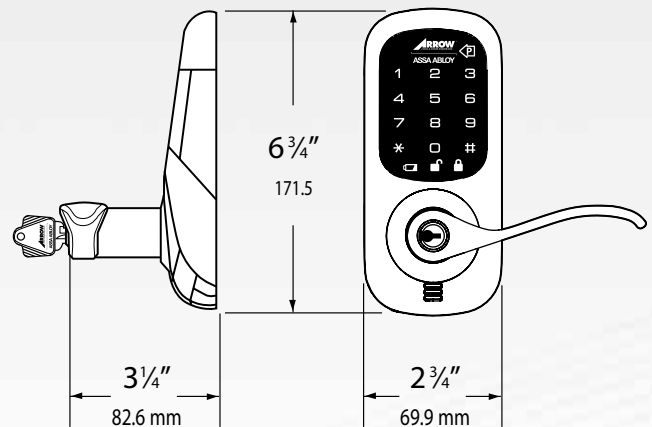
Revolution Stand-Alone Touchscreen Leverlock

Premier Product

Design:



Touchscreen Leverlock Interior

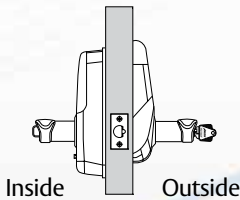


Touchscreen Leverlock Exterior

Finishes:



	BMHA	U.S. Equiv	Arrow Equiv	Finish
1	605	US3	03	Bright Brass
2	614	US10BL	10BP	Dark Oxide Bronze, Clear Coated
3	619	US15	15	Nickel Plated

ARROW	FUNCTION		DESCRIPTION
V351	Touchscreen with Key Override		<ul style="list-style-type: none"> For doors that require optional mechanical key override. Latchbolt retracted by lever outside with valid pincode; by use of mechanical key, or by operating lever inside. Inside lever always active. Deadlocking latchbolt.

Order Example:

Series: V3
Function: 51 (Touchscreen w/key override)
Finishes: 03 (US3)
 10BP (US10BL)
 15 (US15)

Strike: V3S (Full lip)
Latch: V3L (Adjustable 2-3/8" to 2-3/4")
Keyway: CS

Suffix Options:
 KD (Standard cylinder keyed different)

Example: To order a Revolution stand-alone touchscreen leverlock in satin nickel finish, with an adjustable backset for 2-3/8" or 2-3/4", CS keyway, keyed different:

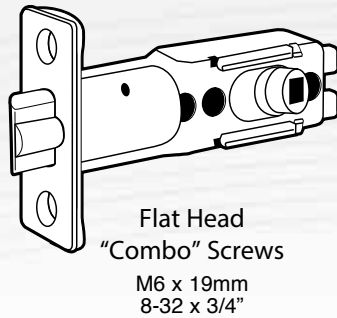
Specify:	<u>V3</u>	<u>51</u>	<u>LR</u>	<u>15</u>	<u>V3S</u>	<u>V3L</u>	<u>CS</u>	<u>KD</u>
	Series	Function	Trim	Finish	Strike	Latch	Keyway	Suffix Options

Revolution Stand-Alone Touchscreen Leverlock

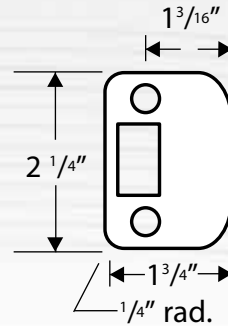
Premier Product

How to Install:

V3L Latchbolt



V3S Strike Plate



Flat Head
"Combo" Screws
M6 x 19mm
8-32 x 3/4"

Outside Escutcheon

Inside Escutcheon

