

Wall Mounted Reader Installation

This installation guide applies to the following types of readers:

- ET20 – Single Gang Reader
- ET25 – Single Gang Reader with Keypad

Included:

- (2) #6 Screws
- (1) #4-40, (1) pin-in-torx
- Reader, Backplate, and Wall Plate
- (4) #4 Screws

The Following tools will be needed to install a wall mount reader:

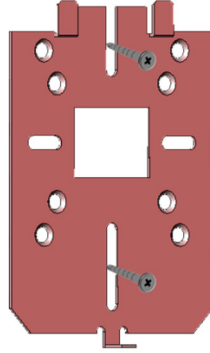
- Phillips Screwdriver
- 1" (25mm), 1/8" drill bits
- T8 Security Torx Bit (optional for increased tamper detection)



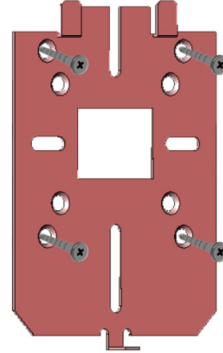
1 Install Metal Wall Plate to Single Gang Box

Connect the wall plate to the single gang box using the provided #6 screws. Alternatively you can use the provided #4 screws in the four outer holes for other installation requirements. Drywall installations will require molly bolts.

Standard Single Gang Box Installation



Alternative for situations outside of a single gang box installation.



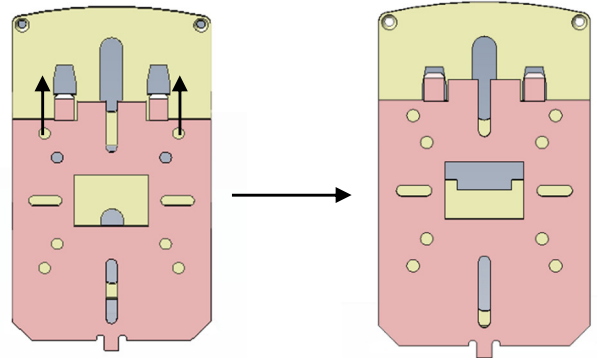
2 Wire the Cable to the Control Panel

Max Length to Panel		Common Cable Connections	
Length	AWG	Red	Power In
200' (60 m)	22	Black	Ground
300'	20	Shield	Shield Ground
500'	18	Brown*	Tamper Out
Current @ 12 V and 25 C		Green	Wiegand Data 0 / RS 485A
Avg. mA	Max. mA	White	Wiegand Data 1 / RS 485B
110	160	Yellow*	Beeper Control
Current for ET25 @ 12 V and 25 C		Blue*	Green LED Control
Avg. mA	Max. mA	Orange*	Red LED Control
140	190		

*these wires are only used in Wiegand readers.

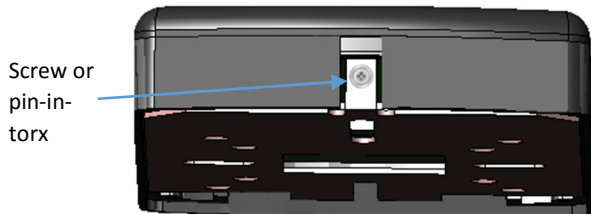
3 Attach the Reader to the Wall plate

Align the reader so that the tabs of the base plate slide into the slots on the wall plate and slide the reader into position.



4 Install the Reader Screw

Install the #4-40 screw or pin-in-torx at the bottom of the reader.



5 Test the Reader

Power the reader, the red light-bar will light, followed by a beep. Present a valid credential to the reader and the light-bar will turn green.

Contact Us

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*Patent Pending

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Changes or modifications not expressly approved by WaveLynx could void the user's authority to operate the equipment.

"This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device. Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.