



# Locking Overview

YD30 Series and YG80 Series





# Sideload Locks – At a glance

- YD30S for single acting doors
- YD30D for double acting doors
- Door alignment correction of 5/16" (YD30S) or 5/8" (YD30D)
- Sideload release of 1,350lbs
- 2,250 lbs of holding force
- Fail-safe or fail-secure selectable
- Highly secure with onboard monitors
- Low current consumption of 40mA in standby
- Universal connectivity
- Cycle tested to 1,000,000 cycles
- Perfect for glass, metal wood doors





# Technical Specifications

## Holding Strength

2,250 lbs  
(1,000 kg)

## Alignment Correction

YD30S  
8mm (5/16")  
YD30D  
±8mm (5/8")

## Sideload release

1,350 lbs  
(600Kg)

## Endurance

1,000,000  
operations

## Bolt Pin

10mm (3/8") thick,  
13mm (1/2")  
extension  
(2 pieces for YD30D)

## Max Door Gap

6mm (1/4")

## Current Usage

40mA holding,  
750mA max  
@12VDC

## Voltage at Lock

12-24VDC ±15%

## Monitors

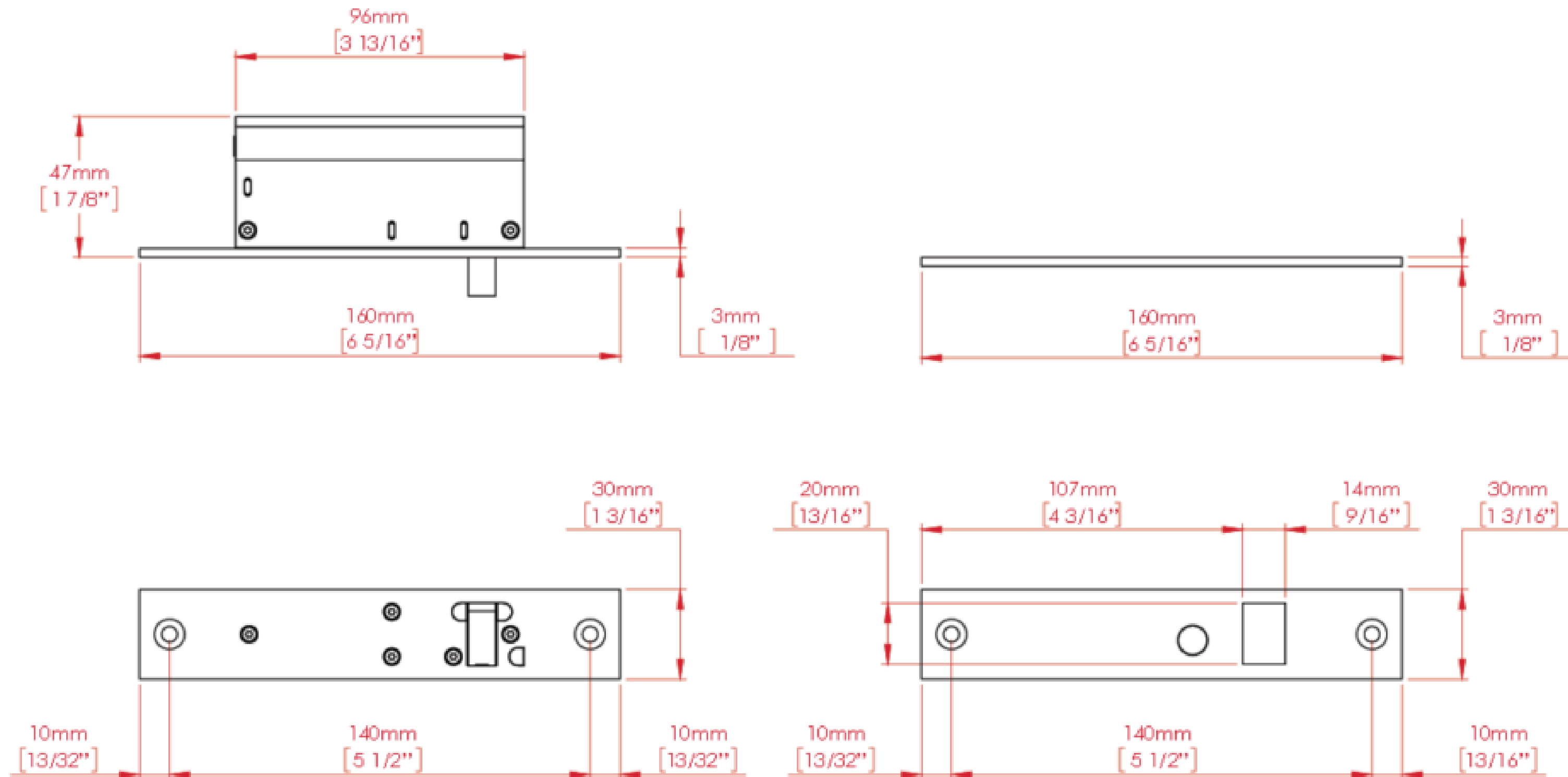
Built in Door  
and Bolt Position

## Certifications

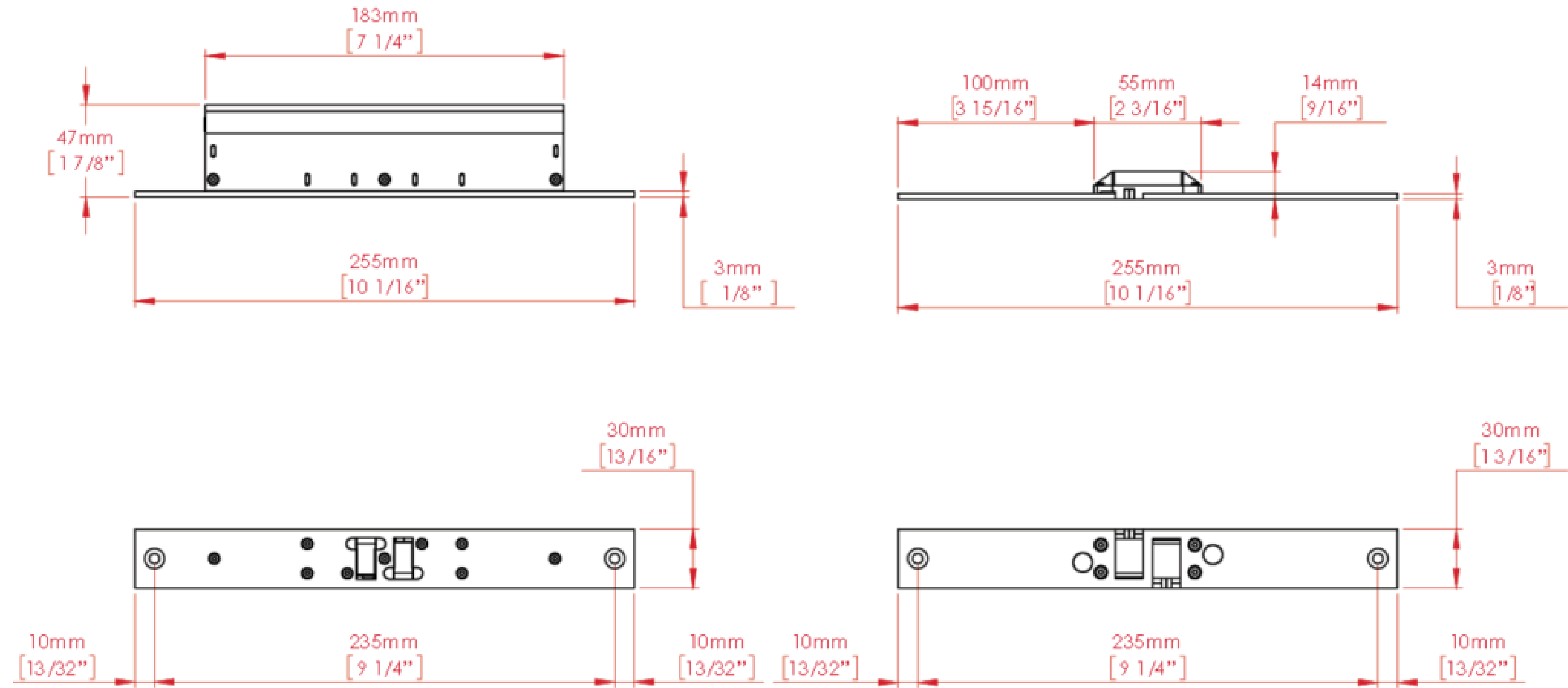
CE, RoHS 2, EN14846,  
FCC , UL294, UL1034,  
UL10C, suitable for use  
on fire resistant door  
sets



# Dimensions of the YD30S lock and strike

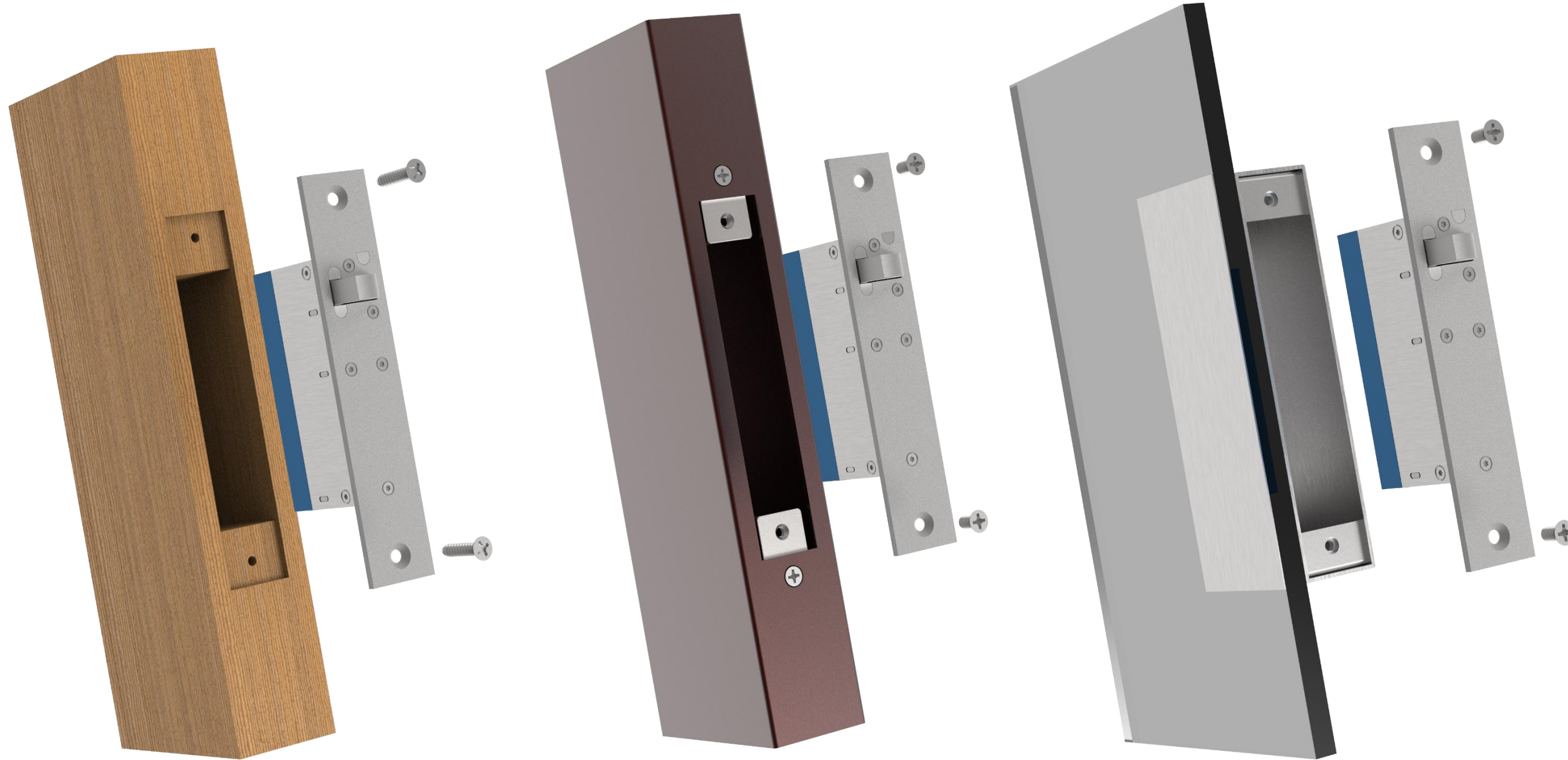


# Dimensions of the YD30D lock and strike





# Mounting Options



Wood



Metal



Glass

**Locks are supplied with a strike plate. Optional accessories are available for surface mount installations.**

# Glass Install





# Aluminum Install



YD30S Install on an  
aluminum door.

# Wood Install





## YD30S in Action



# Installations

YD30D





# Installations

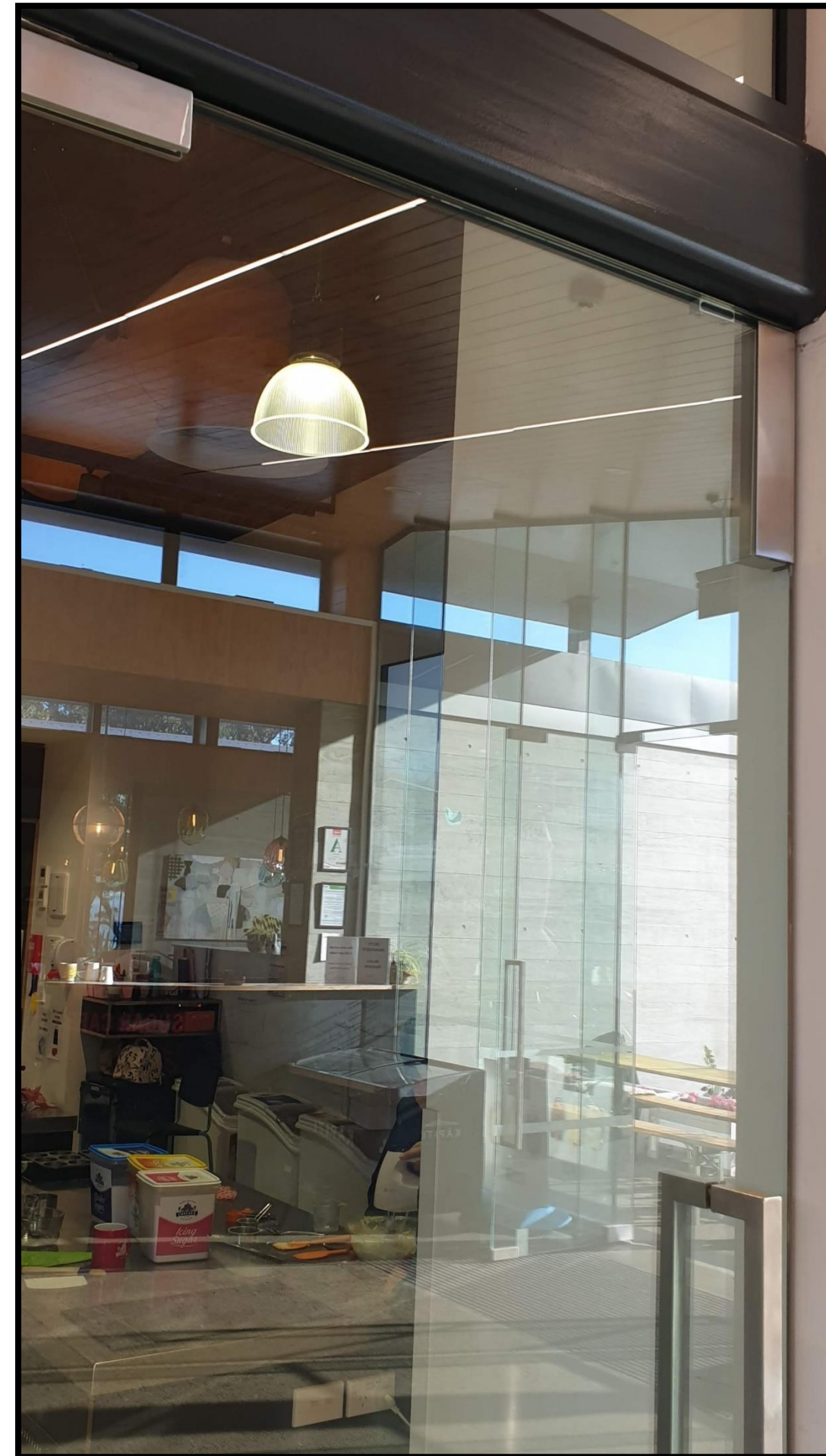
## YD30D





# Installations

## YD30D





# Installations

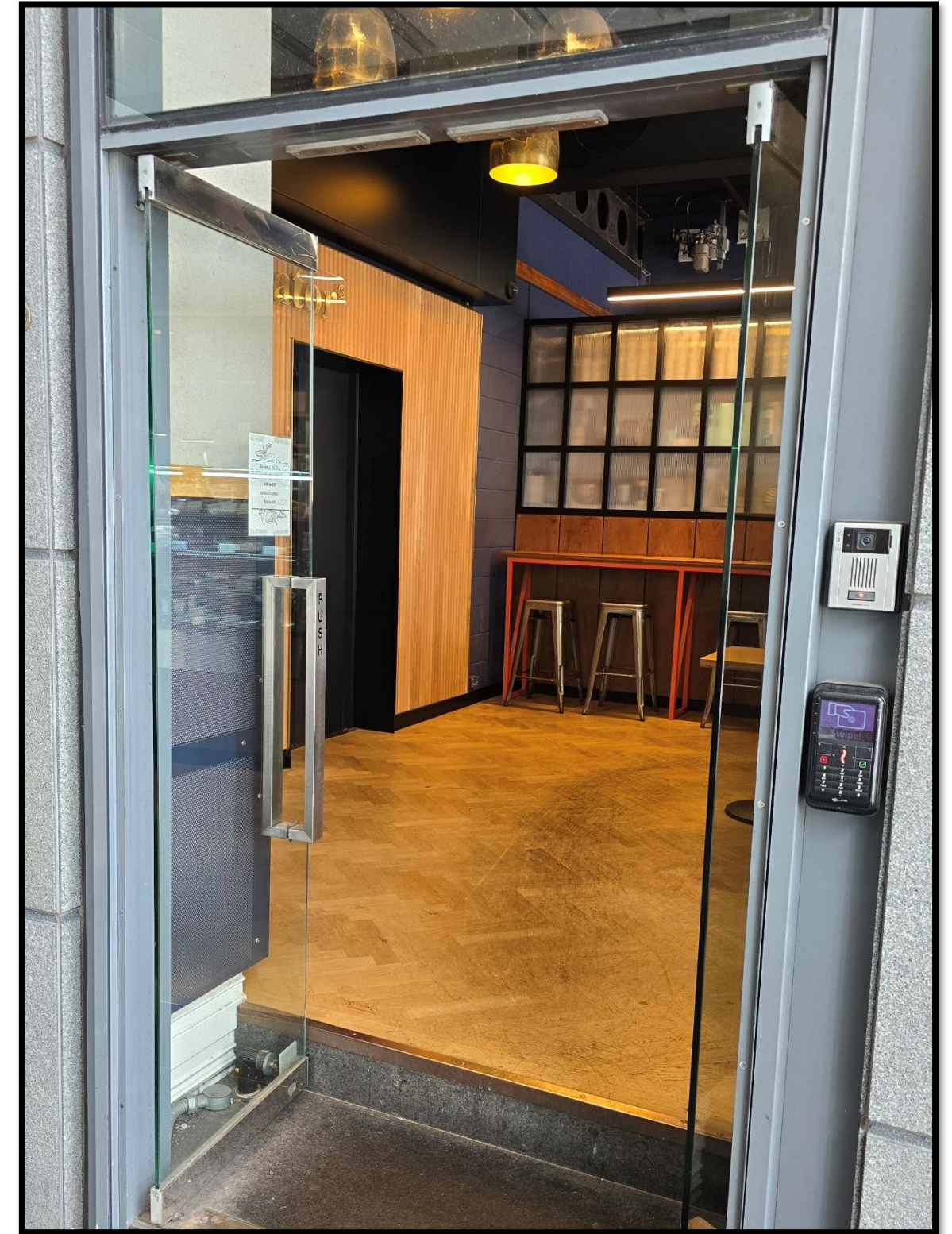
## YD30D





# Installations

YD30D





# Installations

YD30D





# Installations

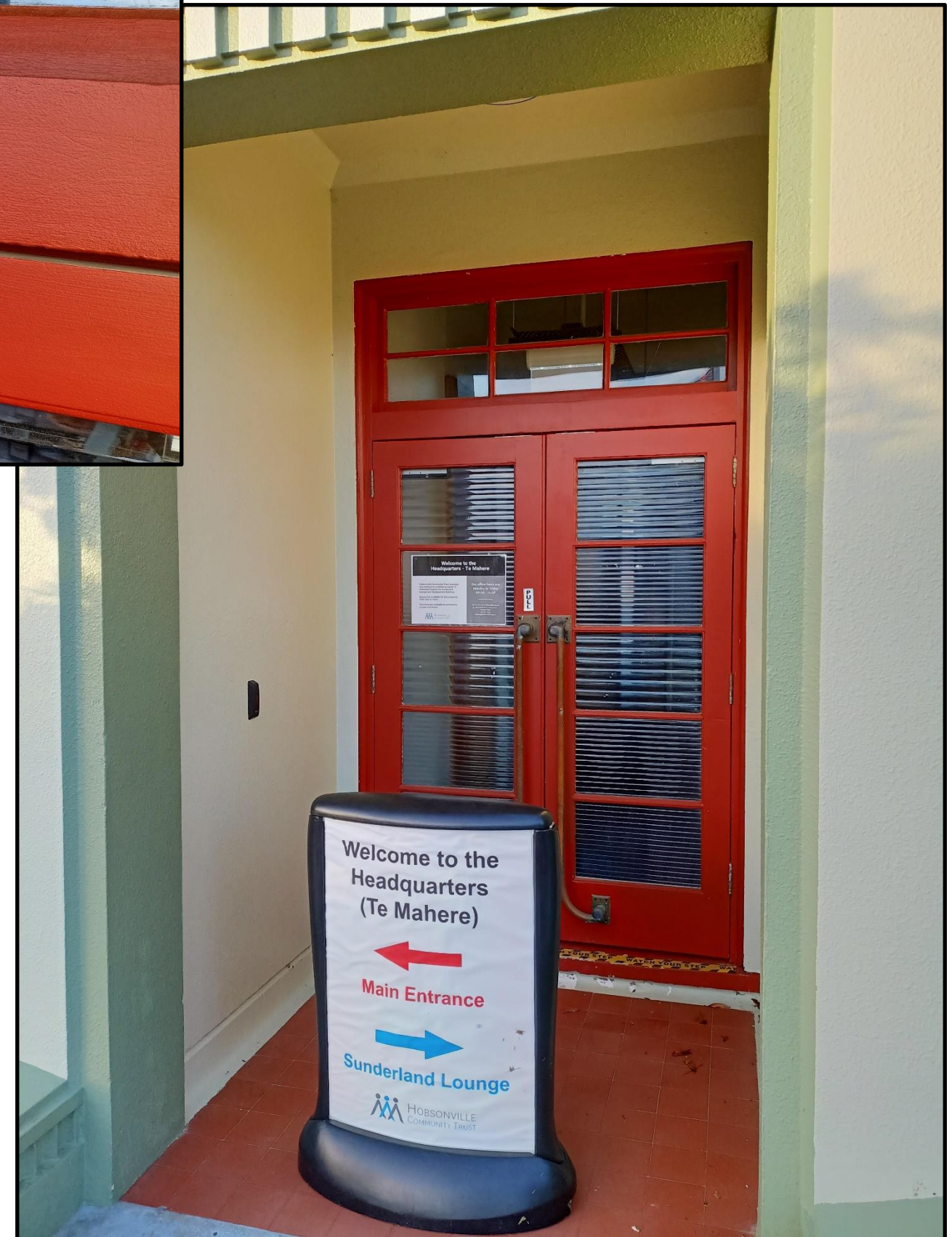
## YD30D





# Installations

## YD30S





# Installations

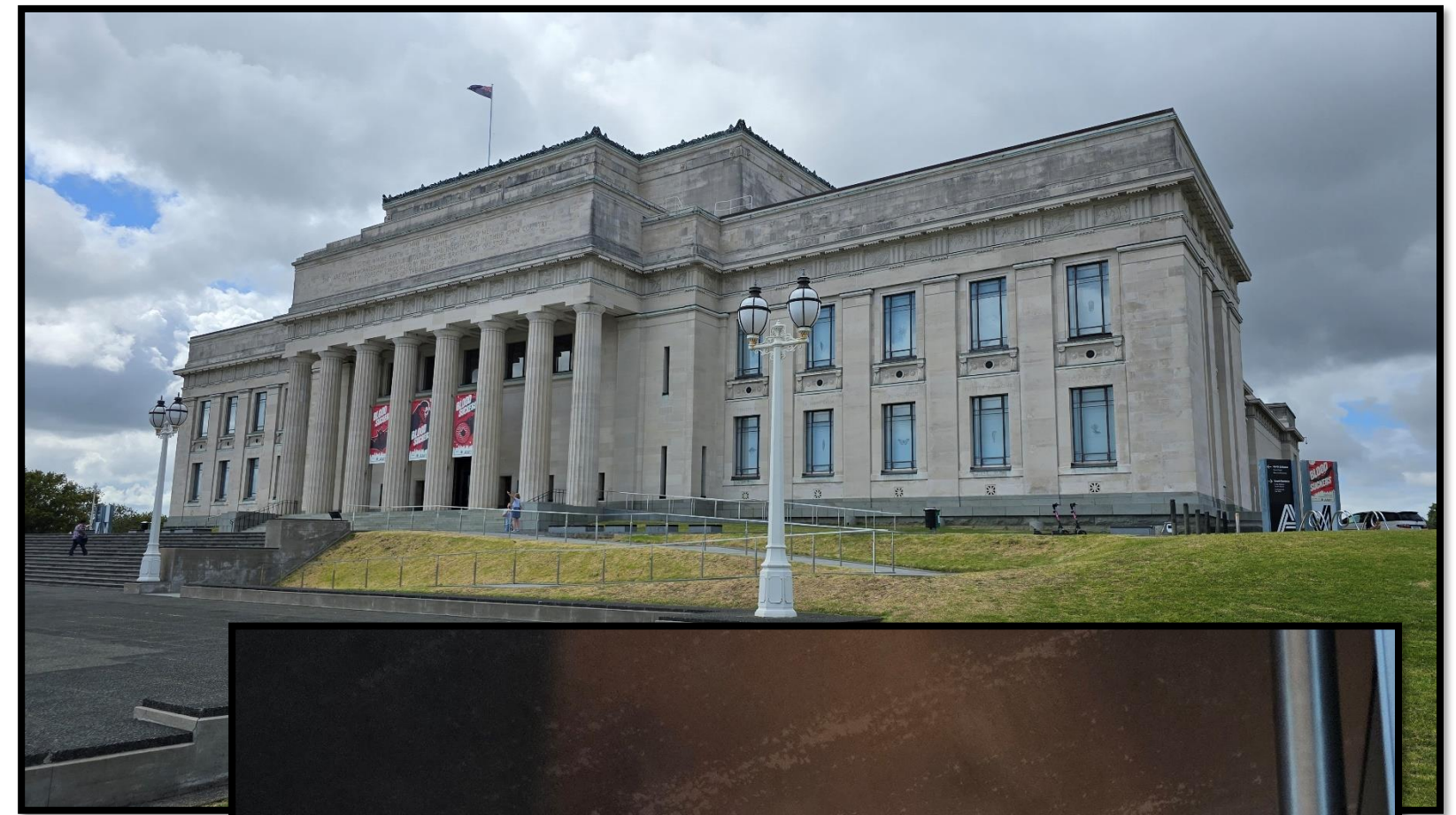
## YD30S





# Installations

## YD30S





# Installations

## YD30S





# Installations

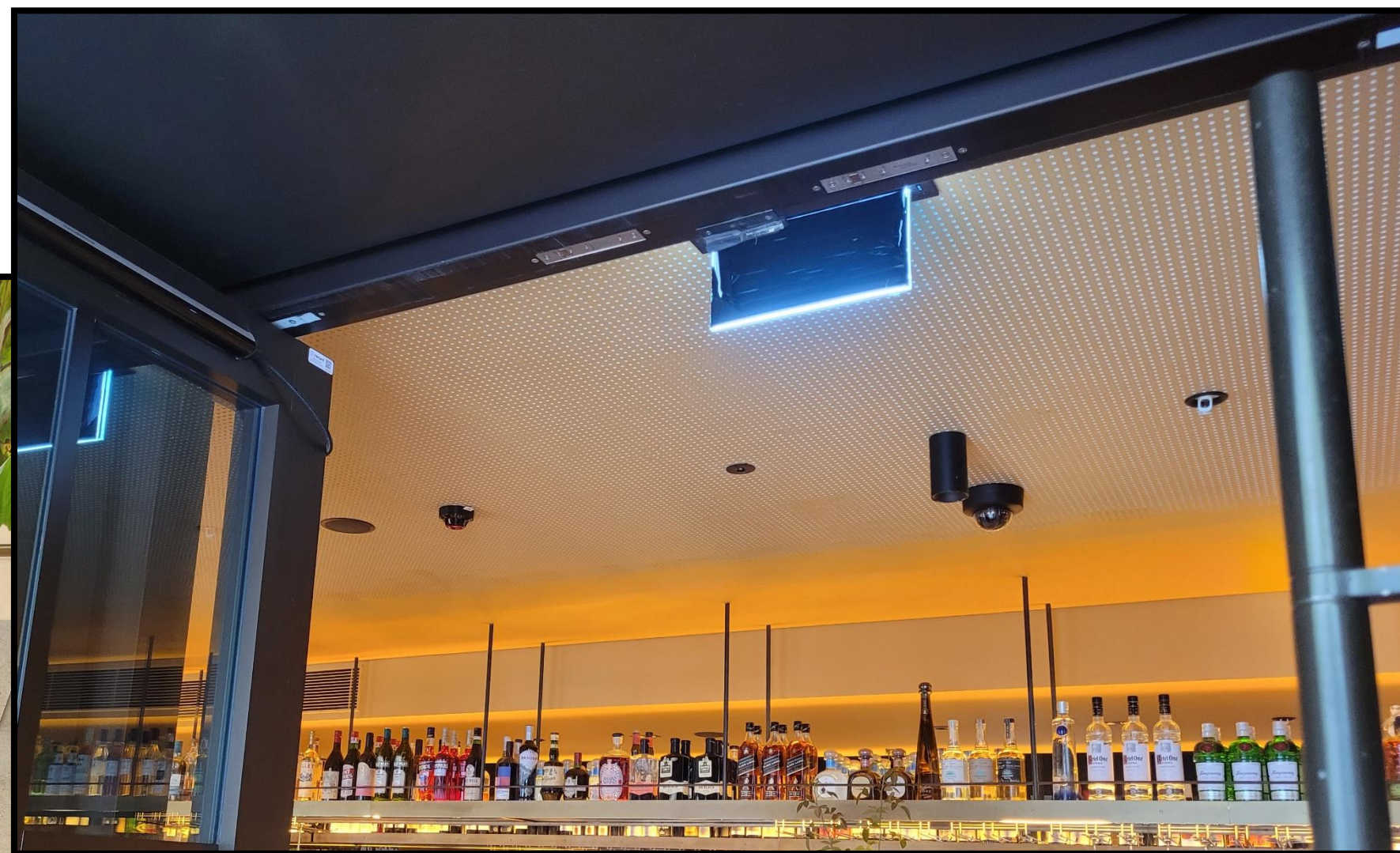
## YD30S





# Installations

YD30S





# Compatible with Electronic Egress

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463NU



# Weatherproof Locks

YG80 and YG80B (with built in Bluetooth control)

Unmatched holding strength

Fail-safe or fail-secure selectable

IP67 rating, built in heater

Multiple connection and operation modes

Low current consumption

Onboard monitors

Universal connectivity



YG80 & YG80B





**YG80**

Electronic door lock





**YG80B**

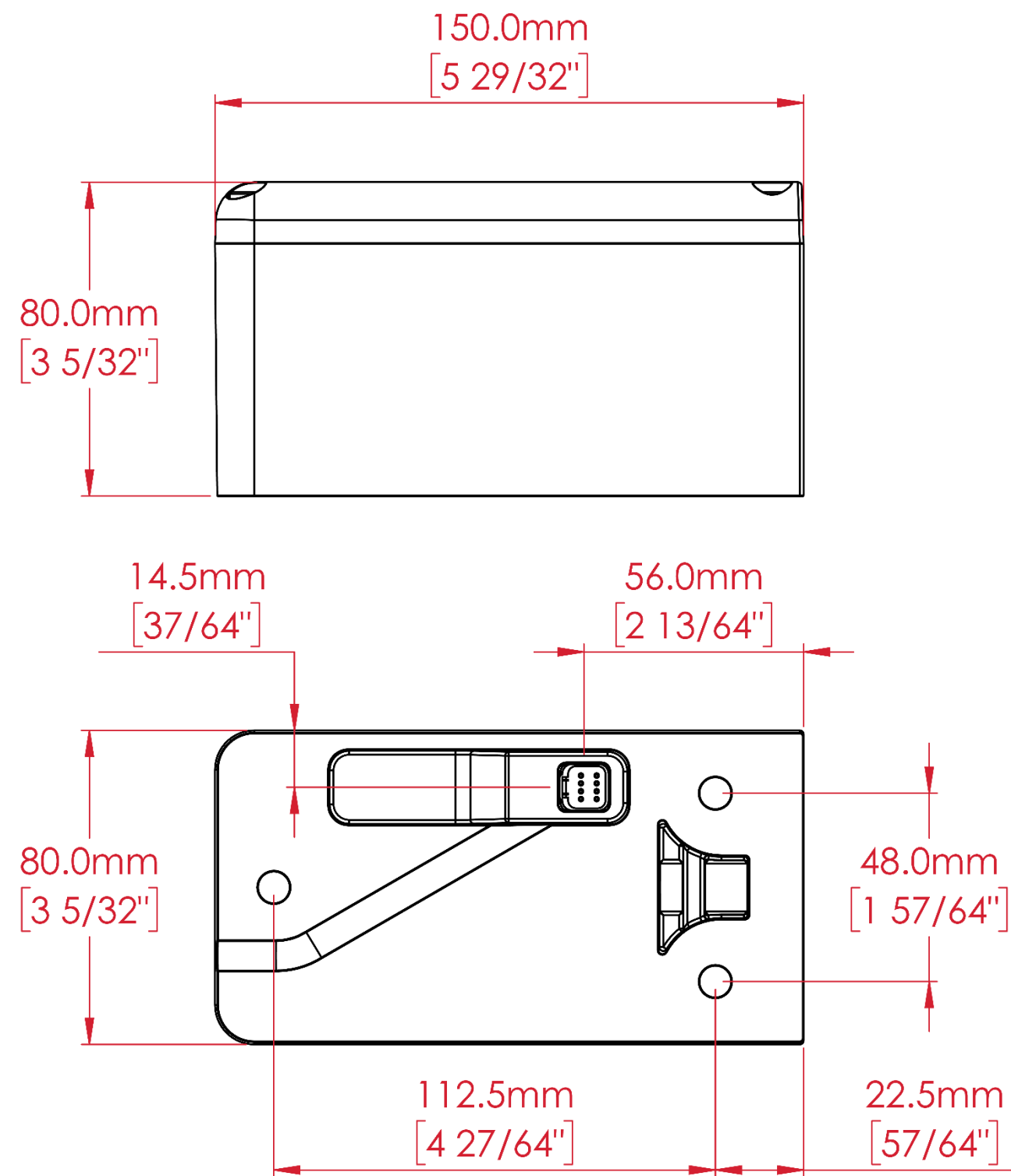


# Technical Specifications

<div>Holding Strength</div> <div>8,800 lbs (4,000 kg)</div>	<div>Dynamic Strength</div> <div>200 joules</div>	<div>Environment</div> <div>IP67, Built in heater, corrosion resistant</div>	<div>Endurance</div> <div>300,000 operations</div>	<div>Bolt Pin</div> <div>Ø18mm (11/16"), 30mm (1 3/16") extension, Ø28mm (1 1/8") receiver</div>
<div>Max Door Gap</div> <div>15mm (5/8")</div>	<div>Current Usage</div> <div>40mA holding, 1A Max @12VDC</div>	<div>Voltage at Lock</div> <div>12-24VDC ±15%</div>	<div>Monitors</div> <div>Built in bolt locked and unlocked position, door position, and tamper detection</div>	<div>Certifications</div> <div>CE, RoHS 2, FCC, UL294, UL1034</div>



# Dimensions of the YG80/YG80B





# Installations

## YG80 - Warehouse

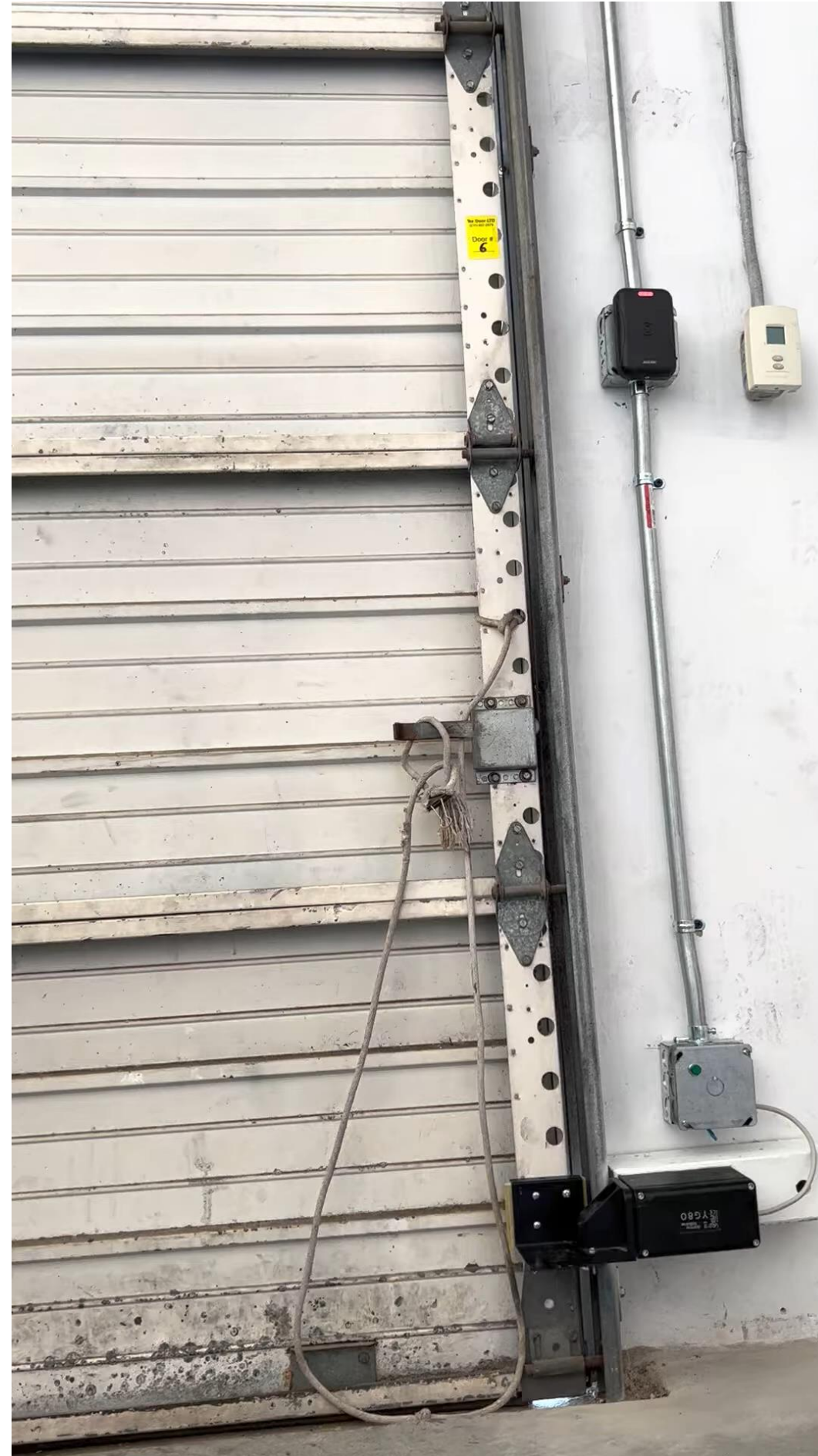
**YG80 install at a  
Warehouse facility**





# Installations

## YG80 - Warehouse





# Installations

## YG80 - Truck





# Installations

## YG80 - Gate





# Installations

## YG80 - Zoo





# Installations

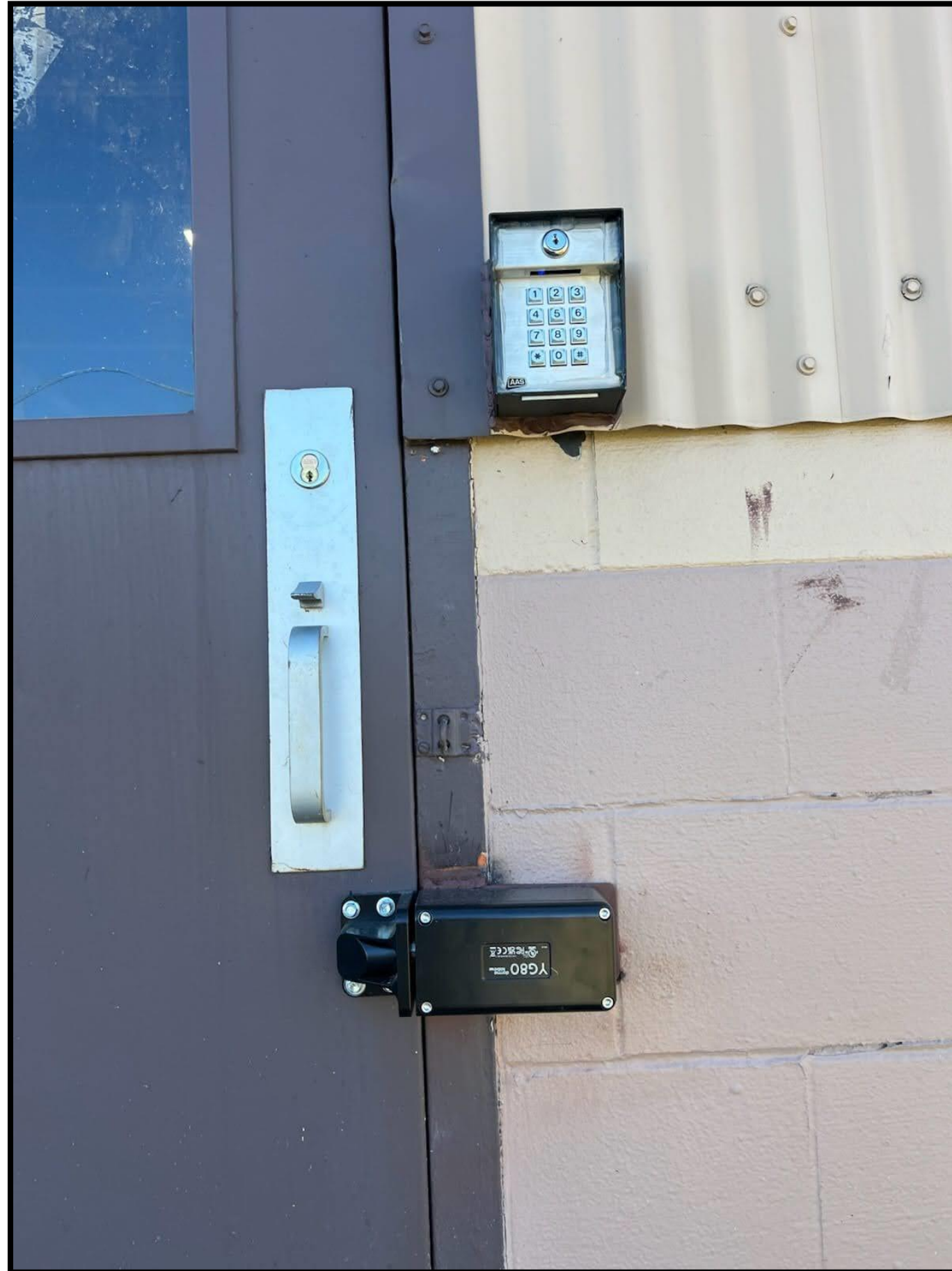
## YG80 – Container





# Installations

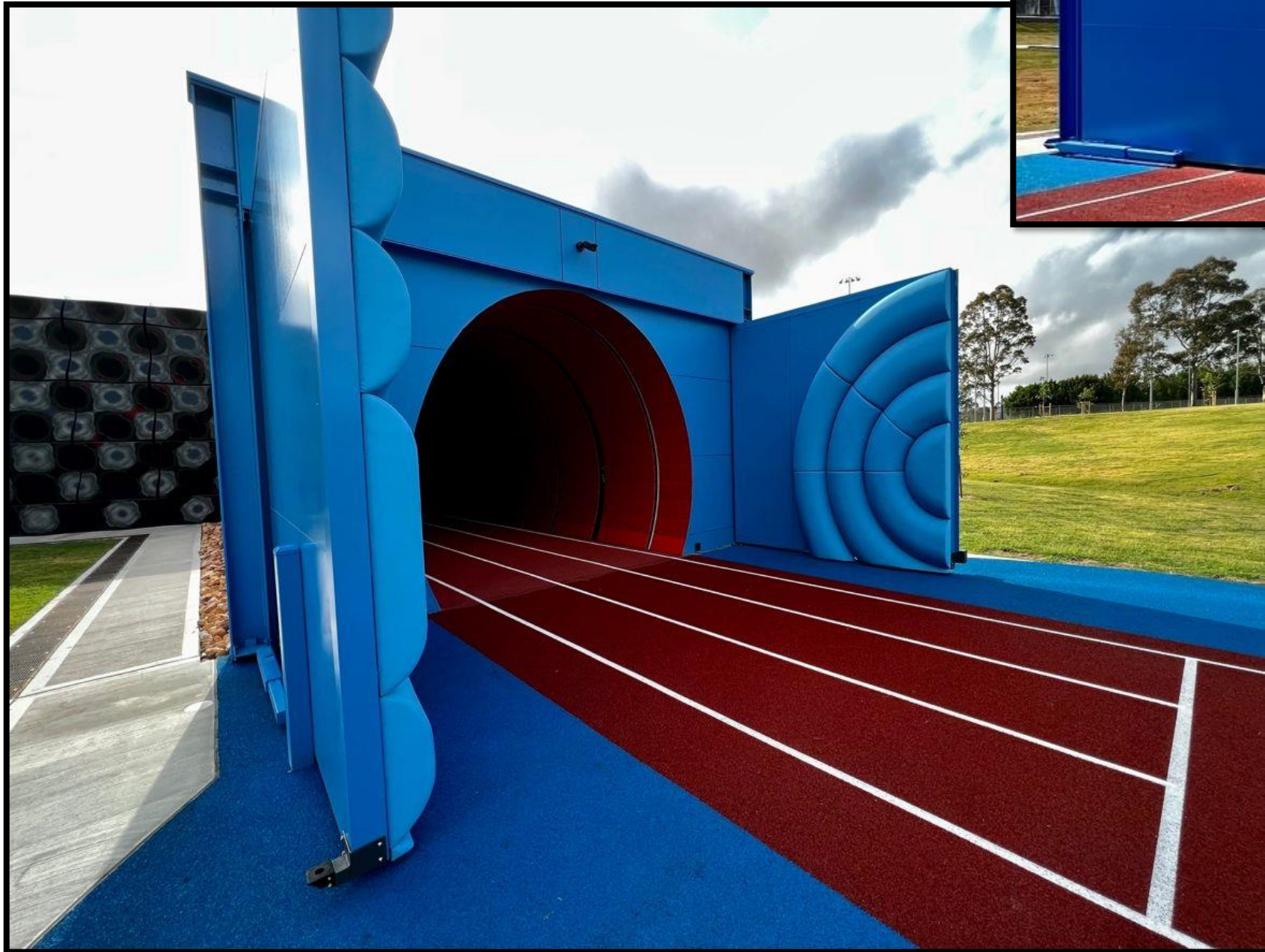
## YG80 – Hanger





# Installations

## YG80 – Sports facility





# Bluetooth control of the YG80B

