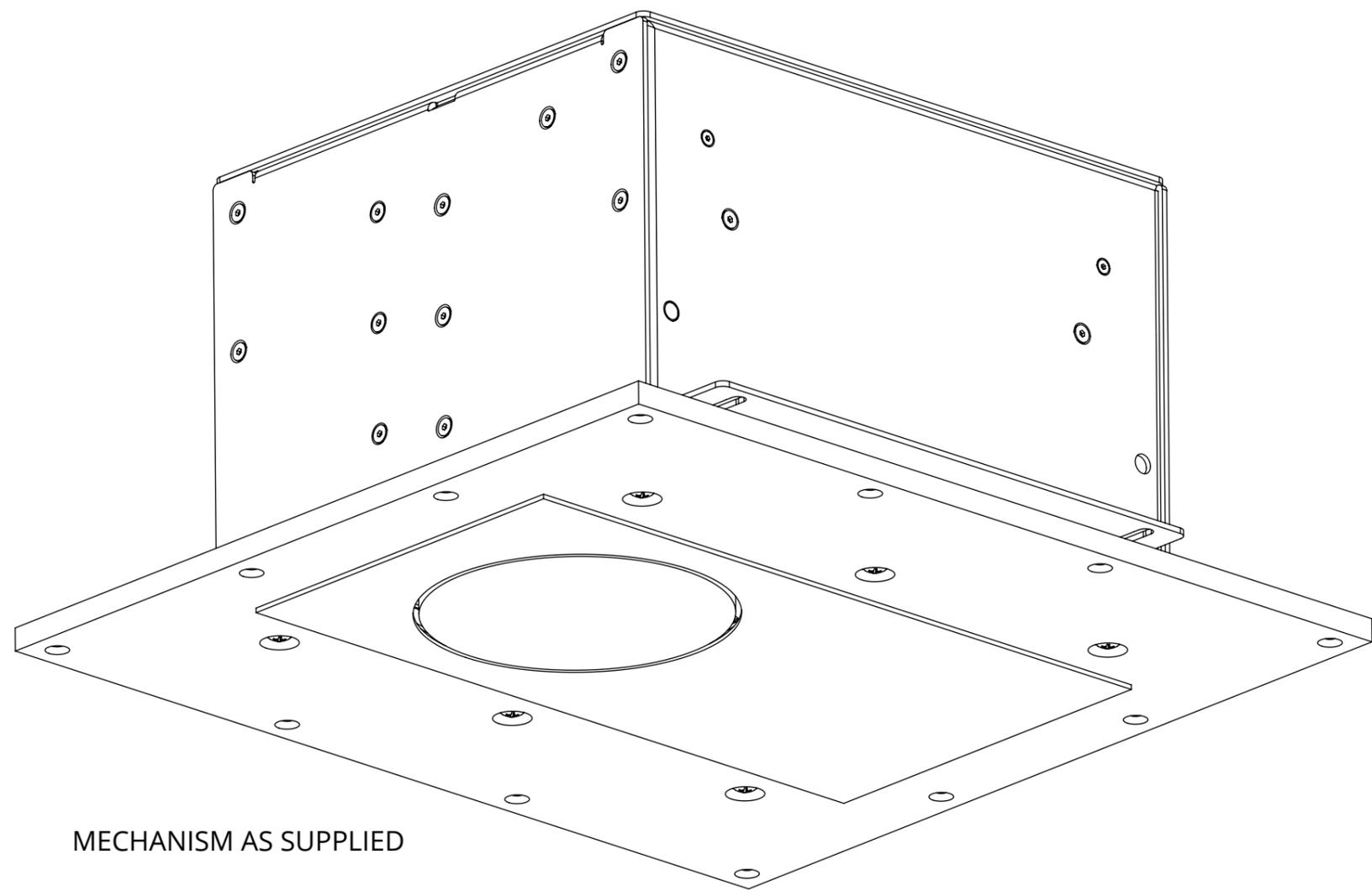
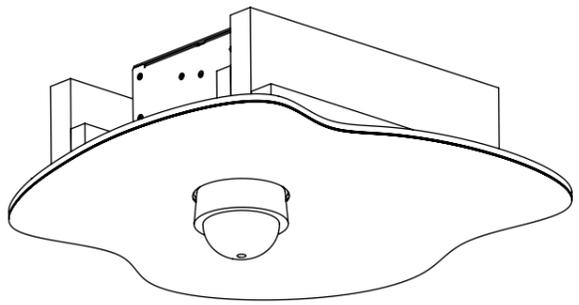
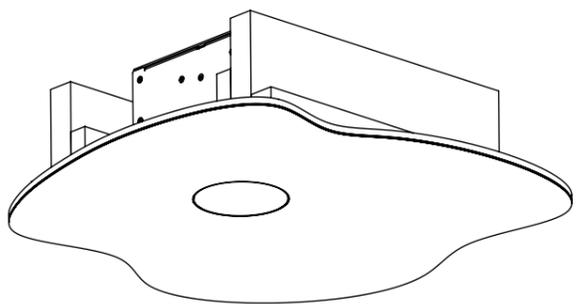


# DCL-R1

## DOME CAMERA LIFT



MECHANISM AS SUPPLIED



(CAMERA NOT SUPPLIED)

# DCL-R1

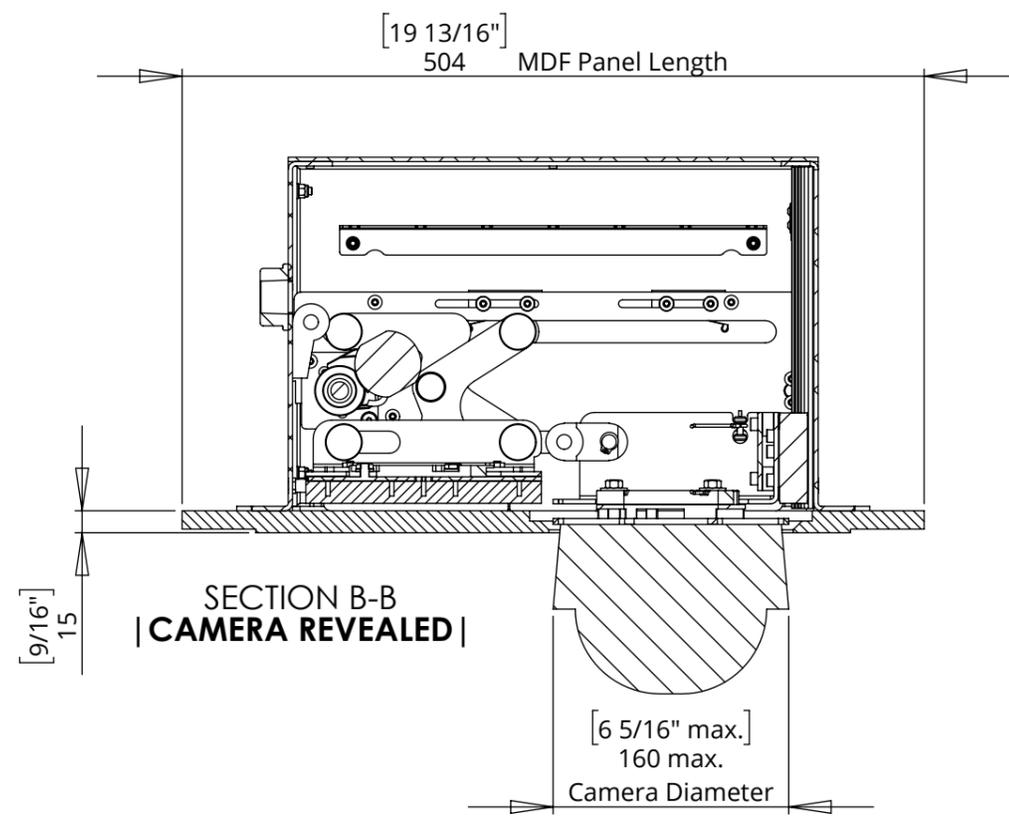
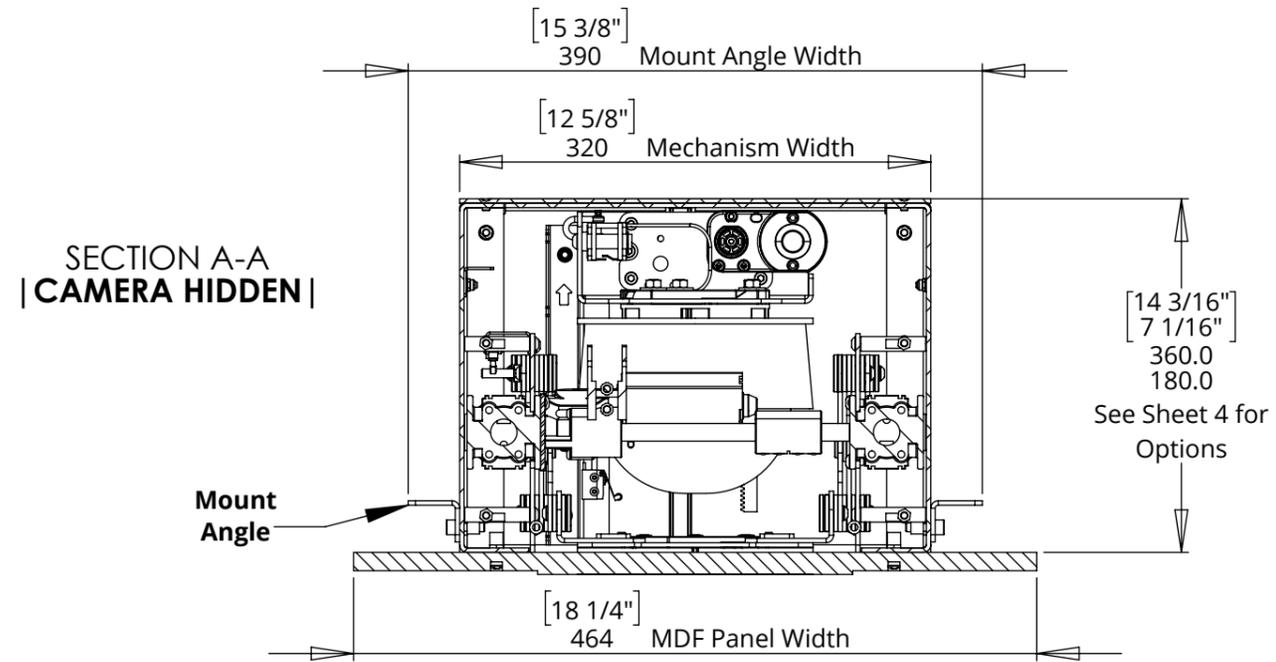
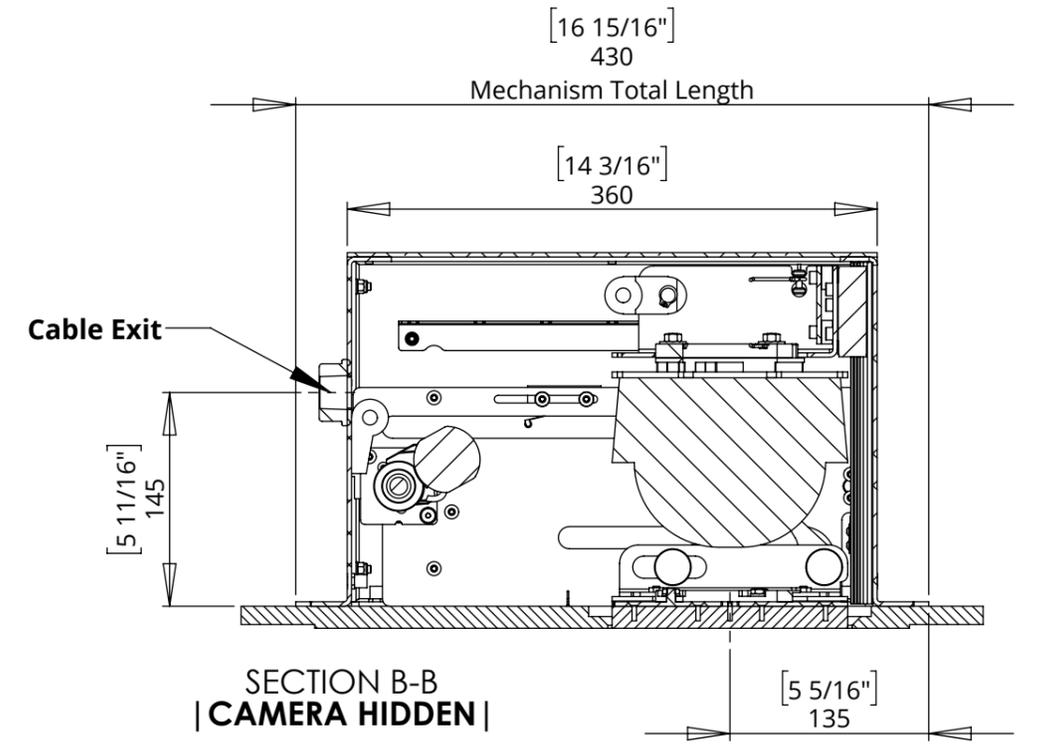
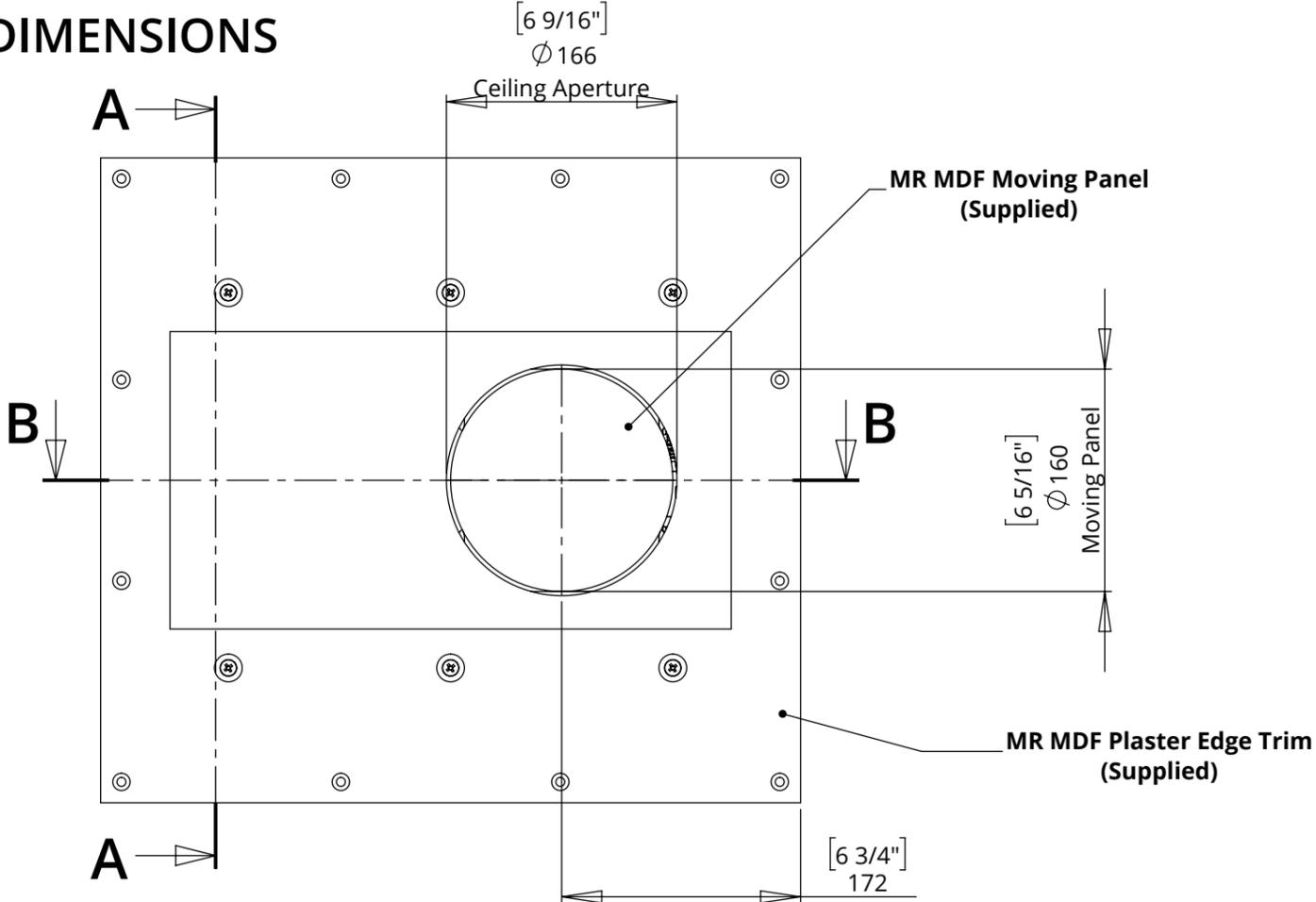
## DOME CAMERA LIFT



SPECIFICATION	MEASUREMENTS
Product Dimensions	390mm [15 3/8"] W x 430mm [16 15/16"] L
Maximum Camera Size	∅ 160mm [6 5/16"]
Maximum Weight Capacity	5Kg [11lb] Max.
Movement Type	Motorised
Control System	Housed externally on a 3m Loom
Power Supply Required	110V - 240V AC 50/60Hz
Power Consumption Max.	720W
Power Consumption Standby	3W
Control Options	IR Remote, RS232, Contact Closure
Product Options / Features	Custom height mechanisms, Custom mounts / adapters, Custom RAL paint finishes, Marine suitable version
Package Contents	Mechanism, IR remote control
Environment	Residential / Commercial
Standard Colour	Mecahnism: BLACK - RAL9005 Camera Mount: WHITE - RAL9910 Satin Finish
Marine Suitable	No

# DCL-R1 DOME CAMERA LIFT

## GENERAL DIMENSIONS



# DCL-R1

## DOME CAMERA LIFT

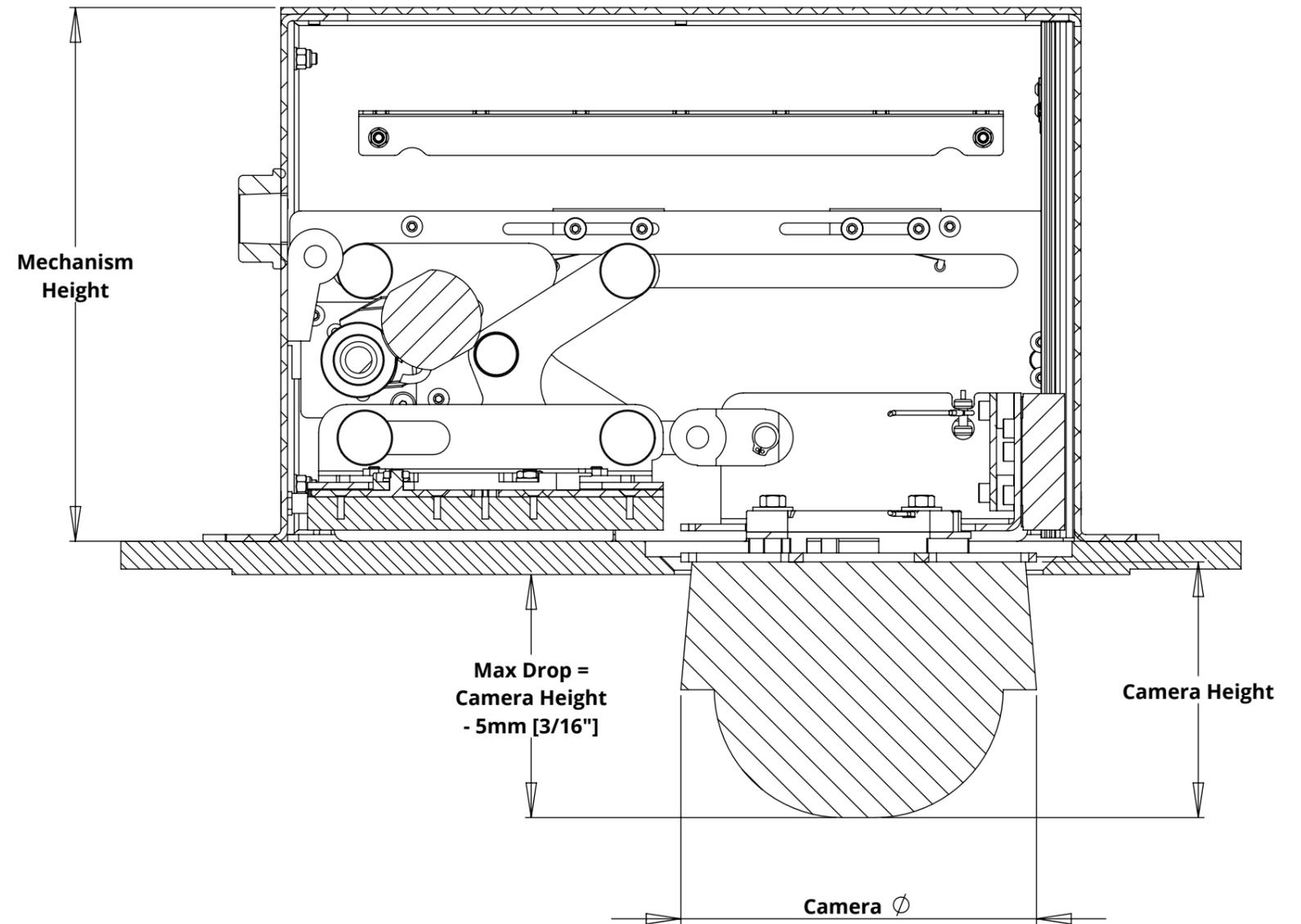
### HEIGHT OPTIONS

The DCL-R1 is available in 6 standard heights to accommodate different cameras.

Other height options available on request.

When placing an order, please reference one of the order codes listed below.

Order Code	Mechanism Height mm [inch]	Max Camera Size mm [inch]
DCL-R1-180	180 [7 1/16]	55 [2 3/16] H x Ø160 [6 5/16]
DCL-R1-205	205 [8 1/16]	80 [3 1/8] H x Ø160 [6 5/16]
DCL-R1-240	240 [9 7/16]	115 [4 1/2] H x Ø160 [6 5/16]
DCL-R1-270	270 [10 5/8]	145 [5 11/16] H x Ø160 [6 5/16]
DCL-R1-300	300 [11 13/16]	175 [6 7/8] H x Ø160 [6 5/16]
DCL-R1-360	360 [14 3/16]	235 [9 1/4] H x Ø160 [6 5/16]



For Cameras larger than  $\varnothing$  160mm [6 5/16"] see DCL-R2 technical sheet.

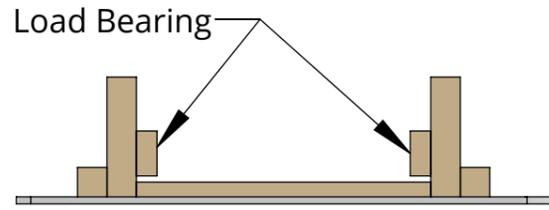
For Cameras larger than  $\varnothing$  210mm [8 1/4"] see DCL-R3 technical sheet.

For Marine applications please see DCL-M technical documentation.

# DCL-R1 DOME CAMERA LIFT

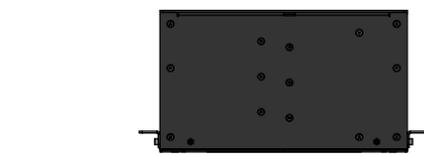


## INSTALLATION OPTION 1 - FIXING TO WOODEN BEAMS



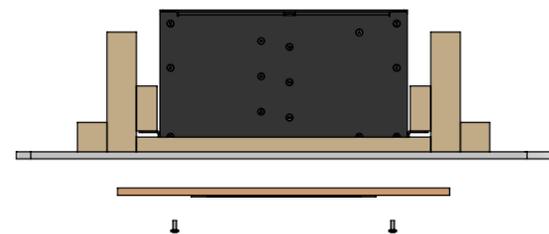
**[STEP 1]** - Lift mechanism into ceiling & secure into place using suitable fixings (Not Provided).

Set the bottom of the mech 15mm [0.6"] above finished ceiling level & ensure mechanism is level.

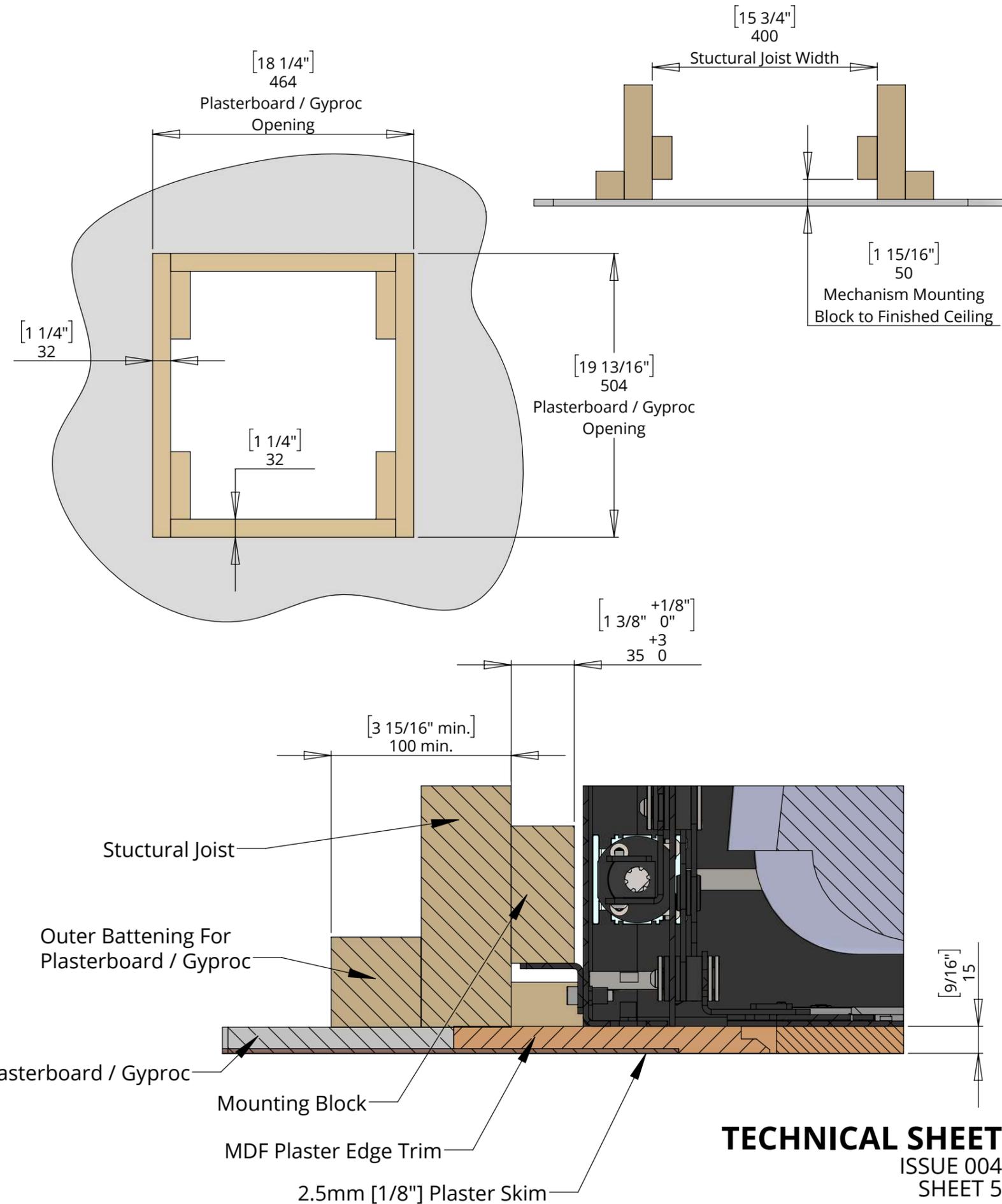
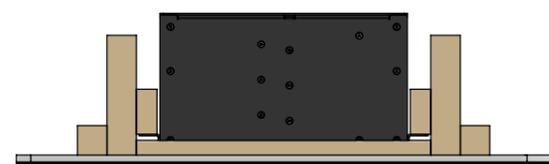


**[STEP 2]** - Secure supplied bottom panel to mechanism through counterbored holes with supplied M6 x 16mm Pozi Machine Screws

Secure bottom panel to ceiling framing through predrilled countersunk holes (fixings not supplied).



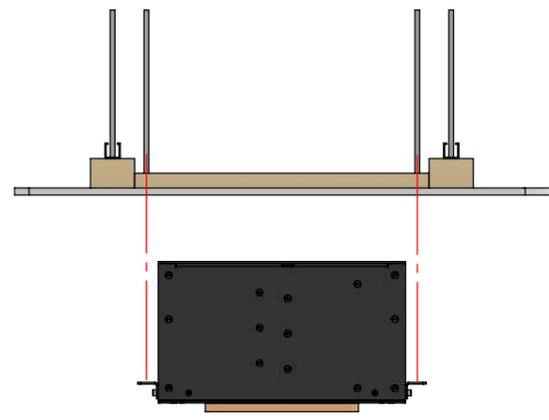
**[STEP 3]** - Add plaster skim around bottom panel to cover countersunk bolts and blend into finished ceiling.



# DCL-R1

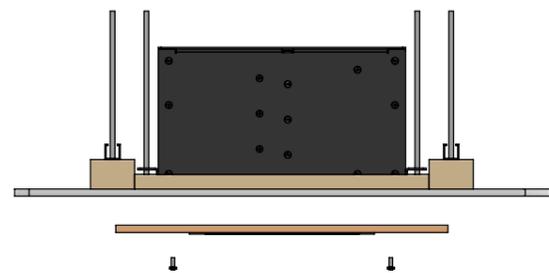
## DOME CAMERA LIFT

### INSTALLATION OPTION 2 - FIXING INTO SUSPENDED CEILING



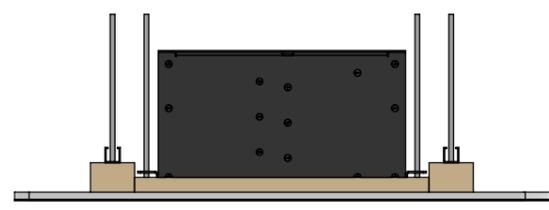
**[STEP 1]** - Offer mechanism up to 4x M8 Studding and secure into place (NOT PROVIDED).

Adjust in each corner to level and set bottom of mech 15mm [0.6"] above finished ceiling level.

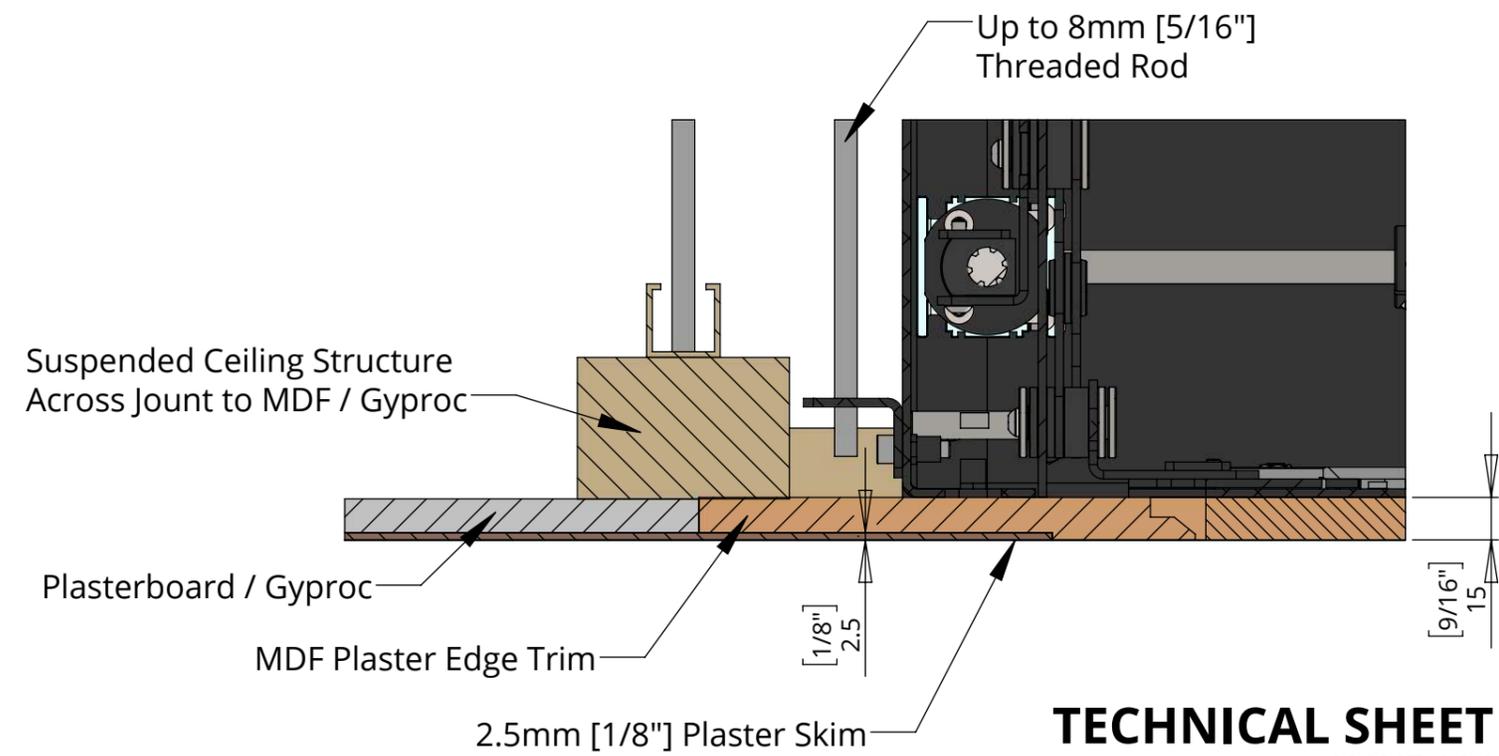
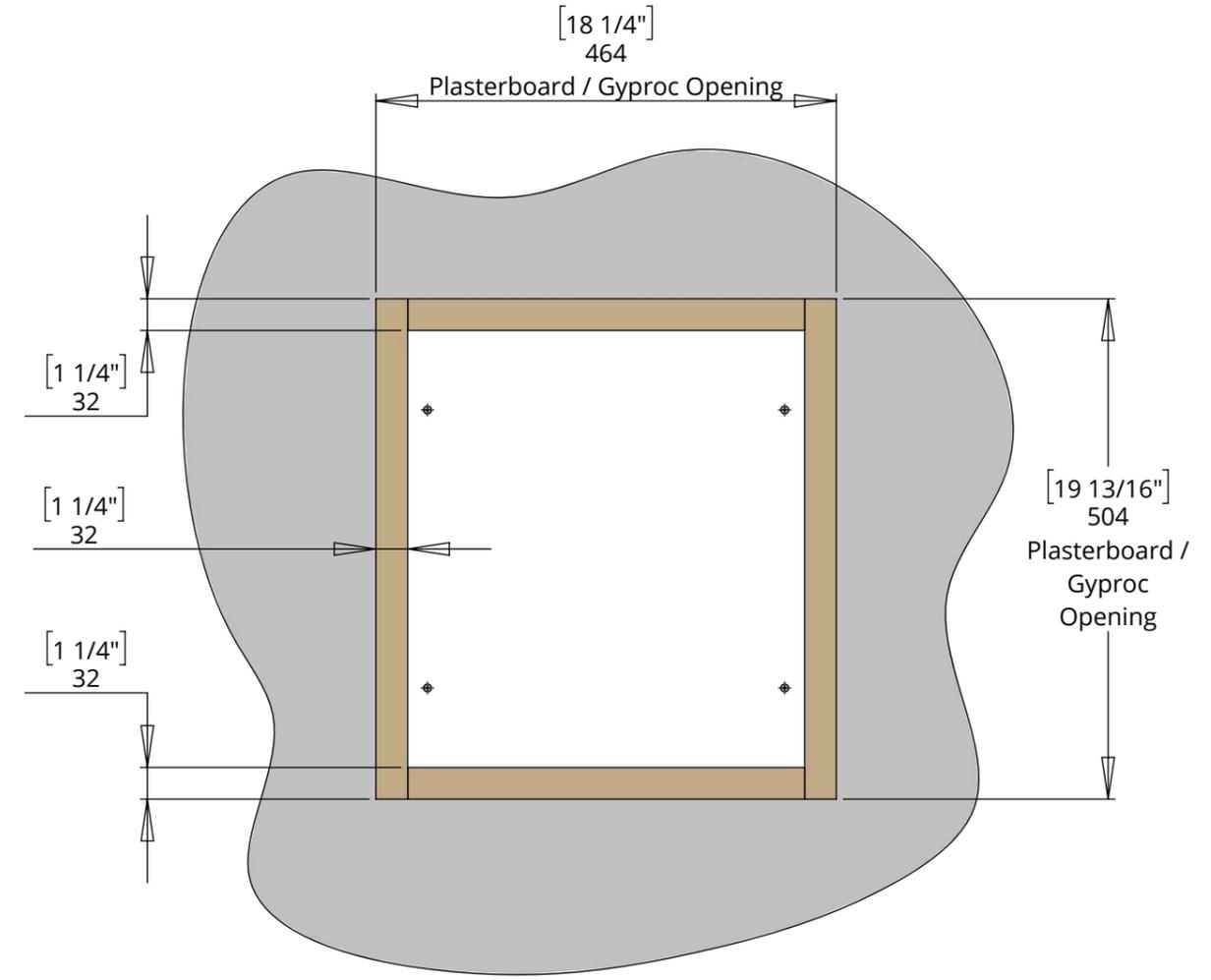


**[STEP 2]** - Secure supplied bottom panel to mechanism through counterbored holes with supplied M6 x 16mm Pozi Machine Screws

Secure bottom panel to ceiling framing through predrilled countersunk holes (fixings not supplied).



**[STEP 3]** - Add plaster skim around bottom panel to cover countersunk bolts and blend into finished ceiling.



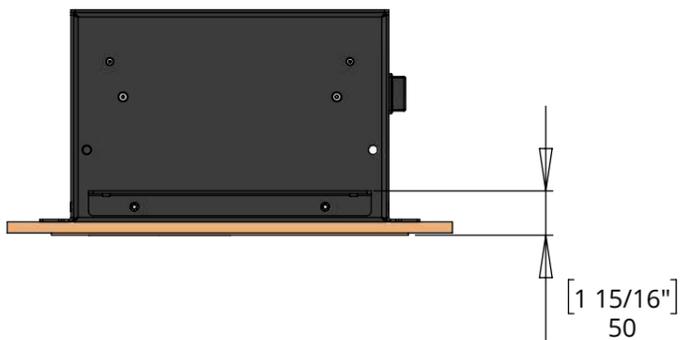
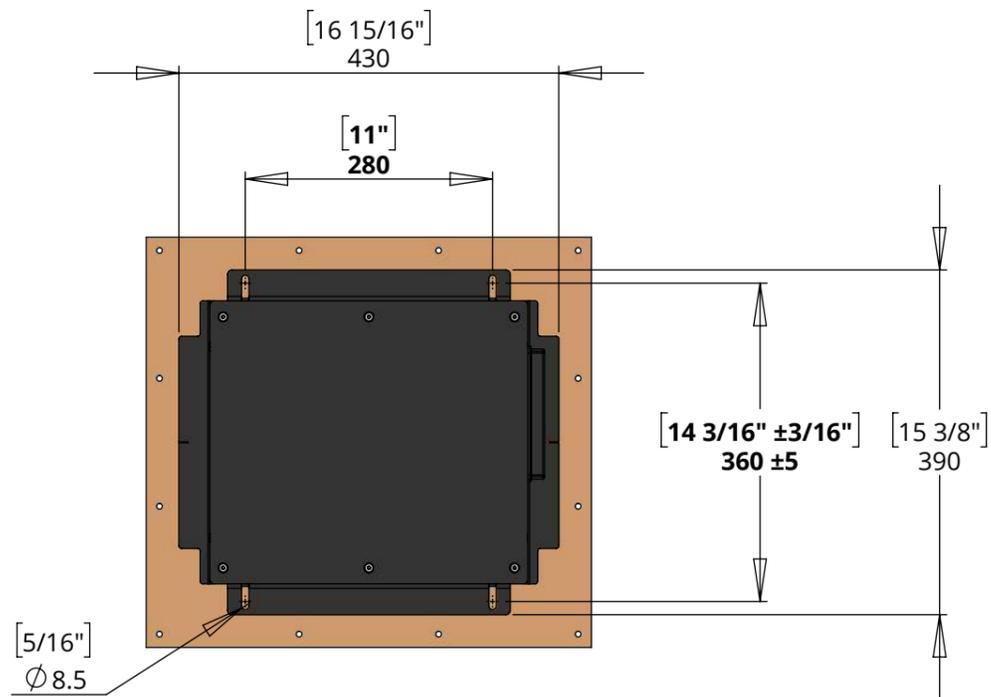
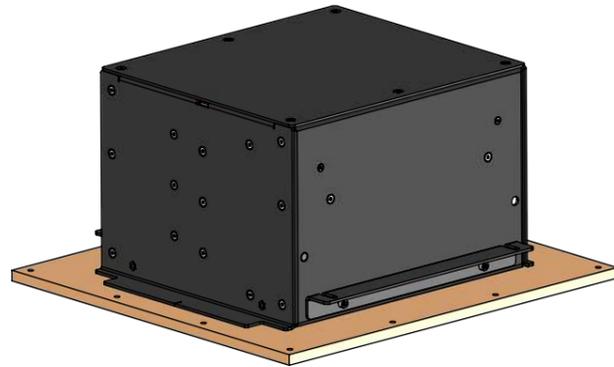
# DCL-R1

## DOME CAMERA LIFT

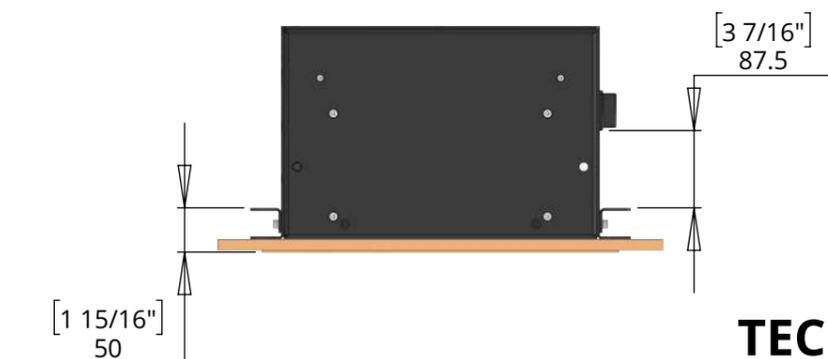
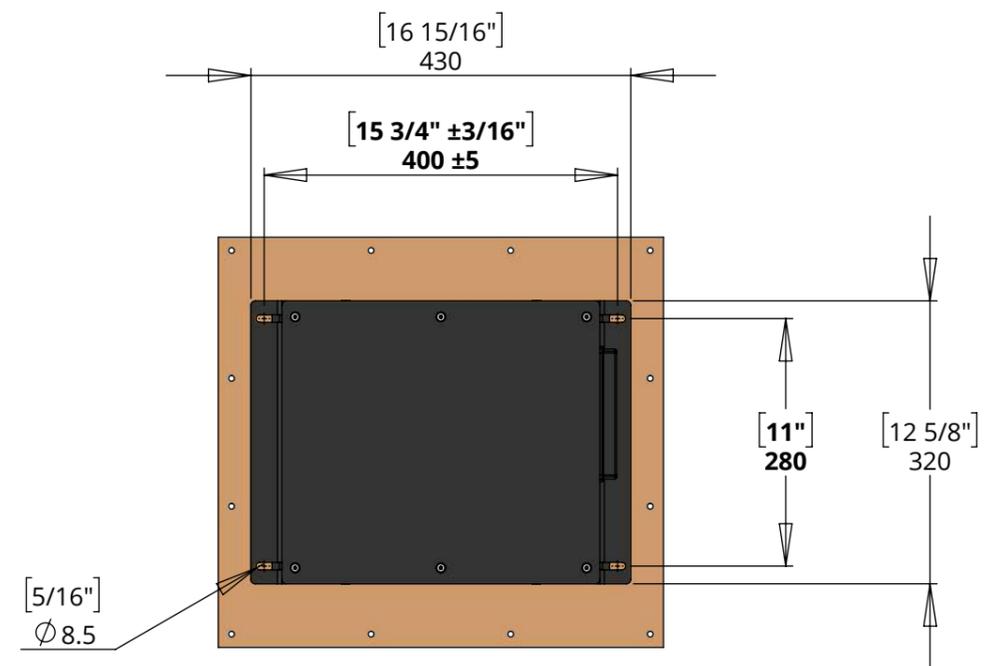
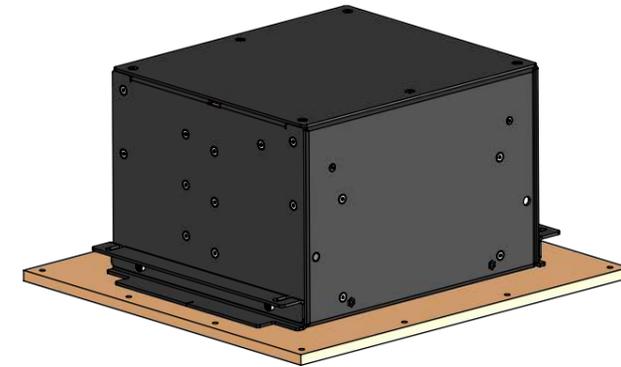
### MOUNT ANGLE CONFIGURATION

The mount angles can be removed and mounted on the ends of the mechanism to suit different ceiling installations.

**Standard Side Mount**



**Alternative End Mount**



# DCL-R1

## DOME CAMERA LIFT

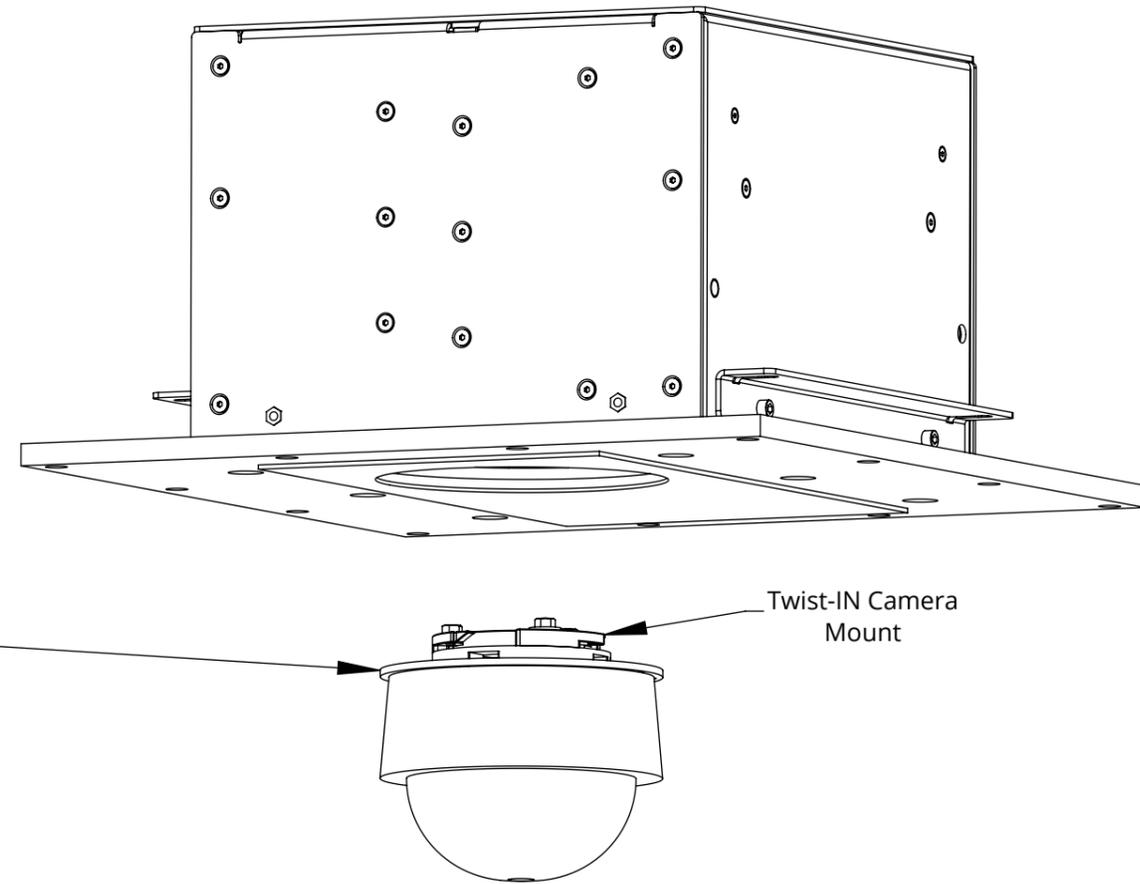
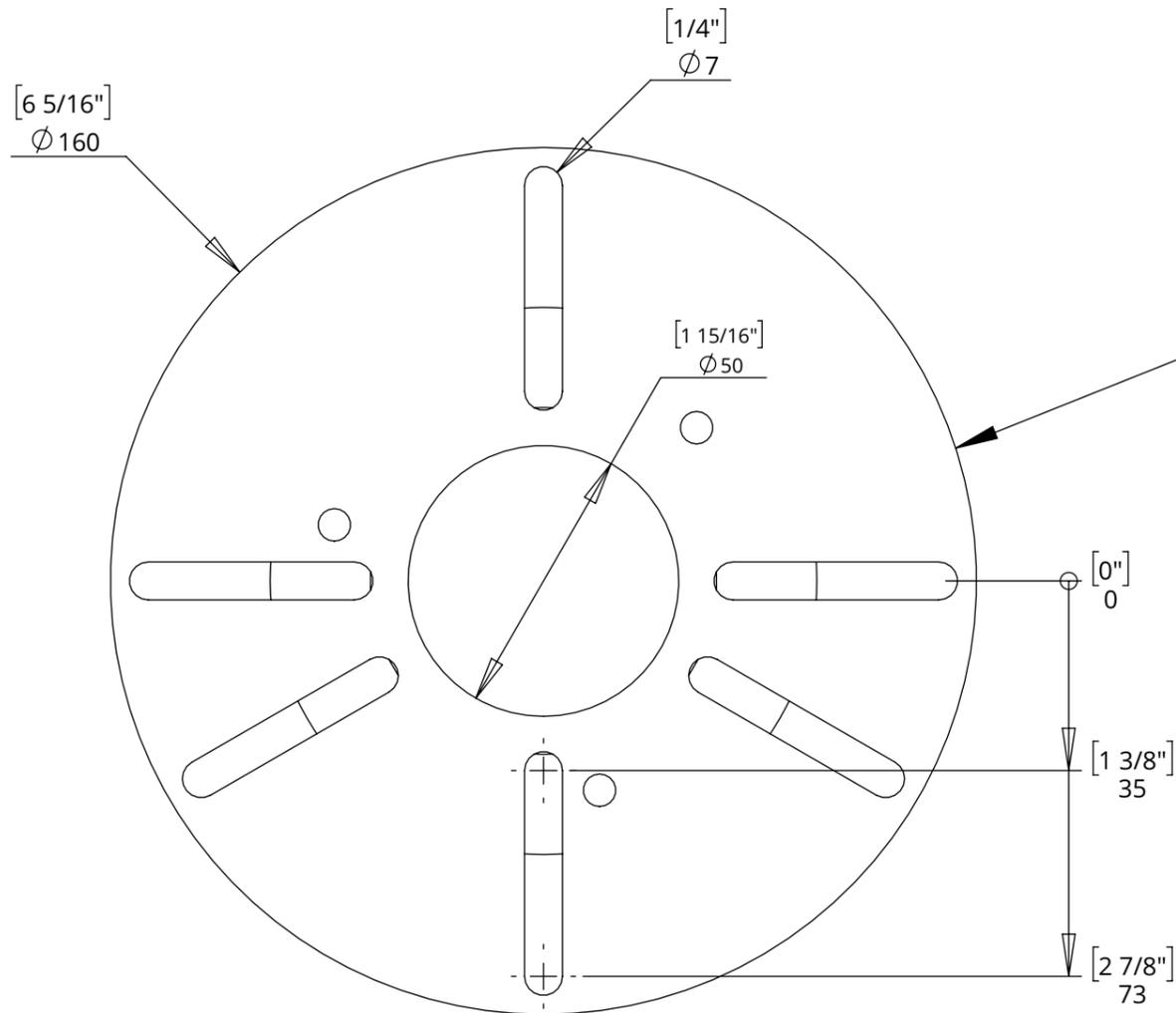
### CAMERA MOUNT

Custom WHITE PAINTED Twist-IN camera mount for easy installation and servicing.

Ensure camera mount clicks fully into place before operating mechanism.

3mm Thick Slotted Aluminium camera mount plate provided.

If required Drill additional holes to mount camera.



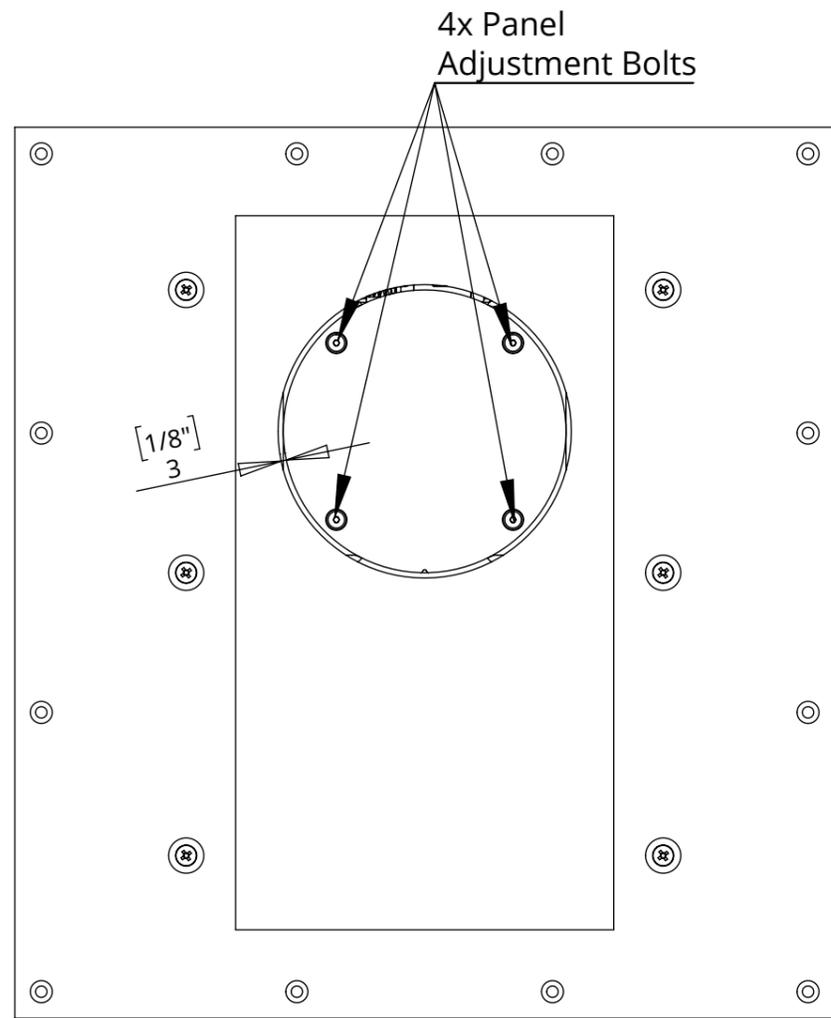
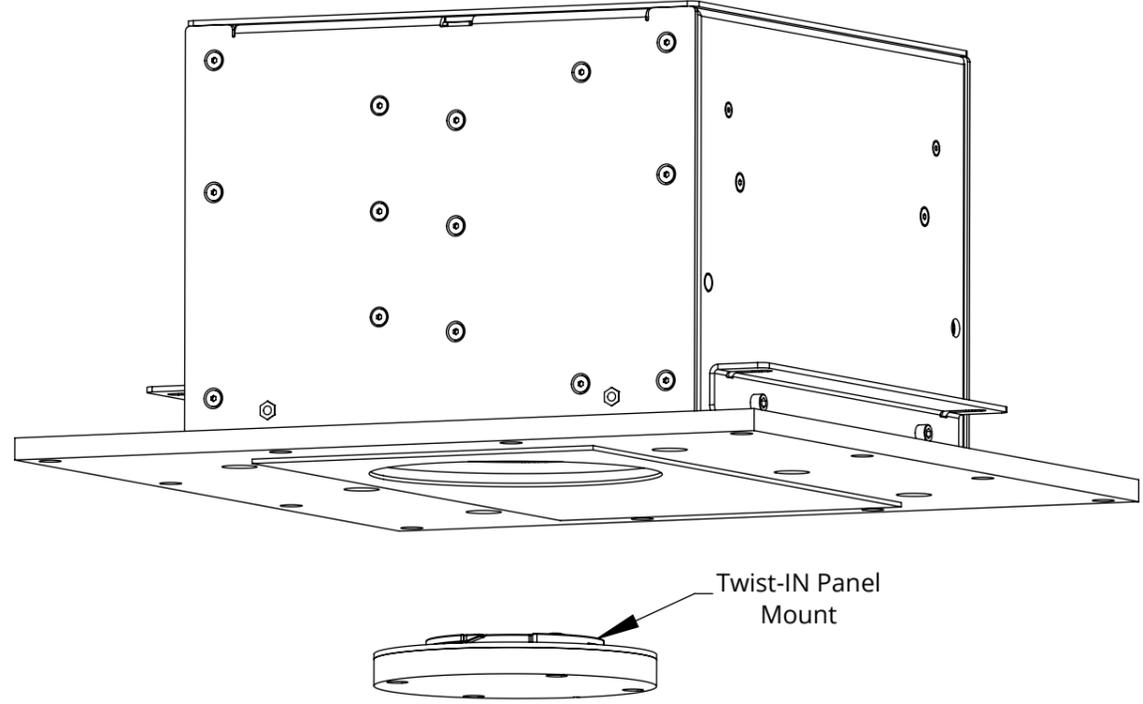
# DCL-R1

## DOME CAMERA LIFT

### MOVING PANEL INSTALLATION

Custom Twist-IN panel mount included for easy installation and servicing.

- 1.**  
Send Mechanism to its CLOSED position (camera lift UP & panel slide Down).
  - 2.**  
Install the jig panel into the mechanism by lifting and rotating.  
If the 4 clearance holes do not line up with the bolts above, rotate 120°
  - 3.**  
Loosen the 4x M5 CSK bolts (DO NOT REMOVE) and centre the moving panel in its aperture using 3mm packers. Then fully tighten all 4 bolts.
  - 4.**  
Twist to release the jig panel from the mechanism.
  - 5.**  
Remove the jig panel from the Twist-IN Mount & replace with the finished panel (supplied)
- Ensure panel mount clicks fully into place before operating mechanism.**

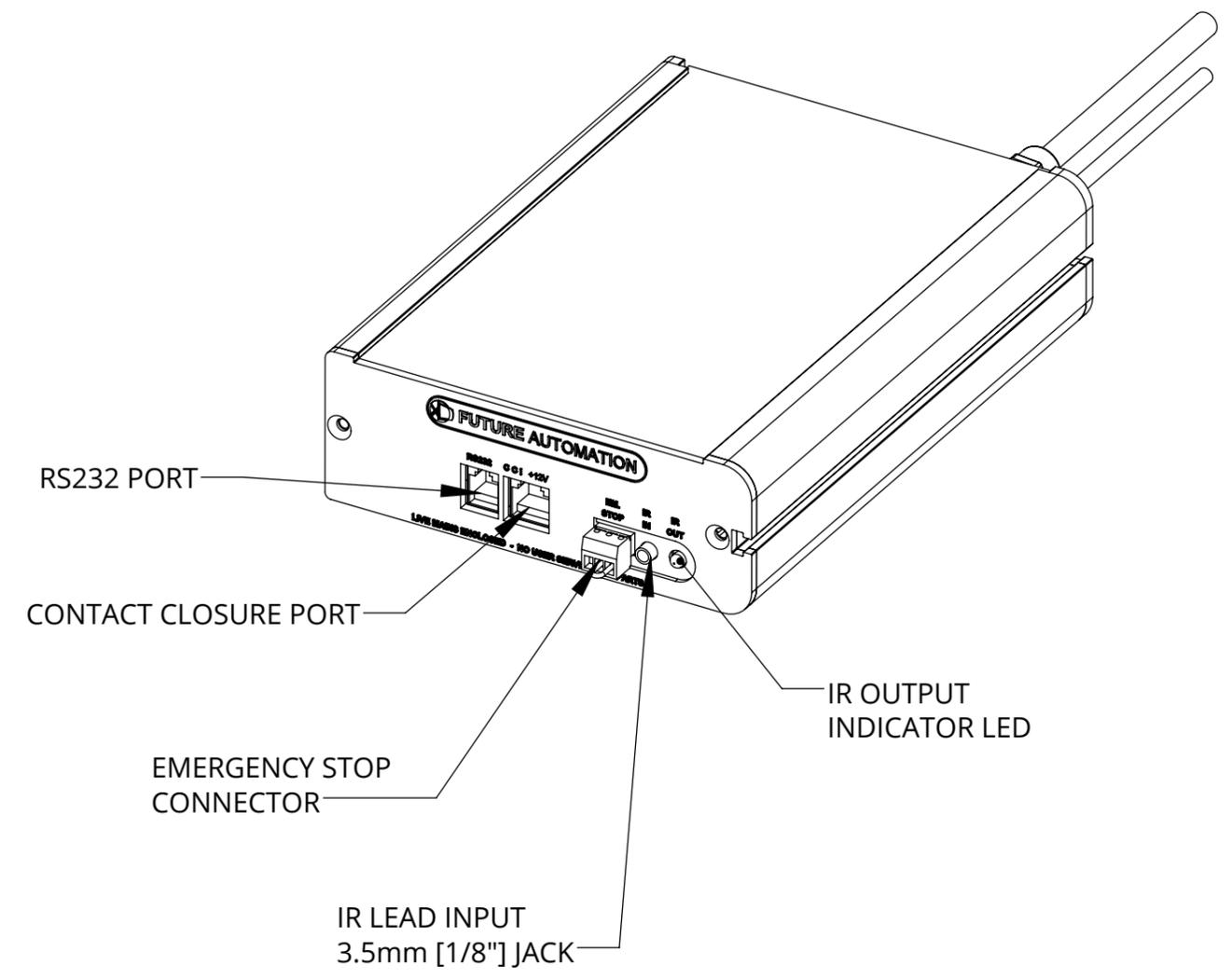
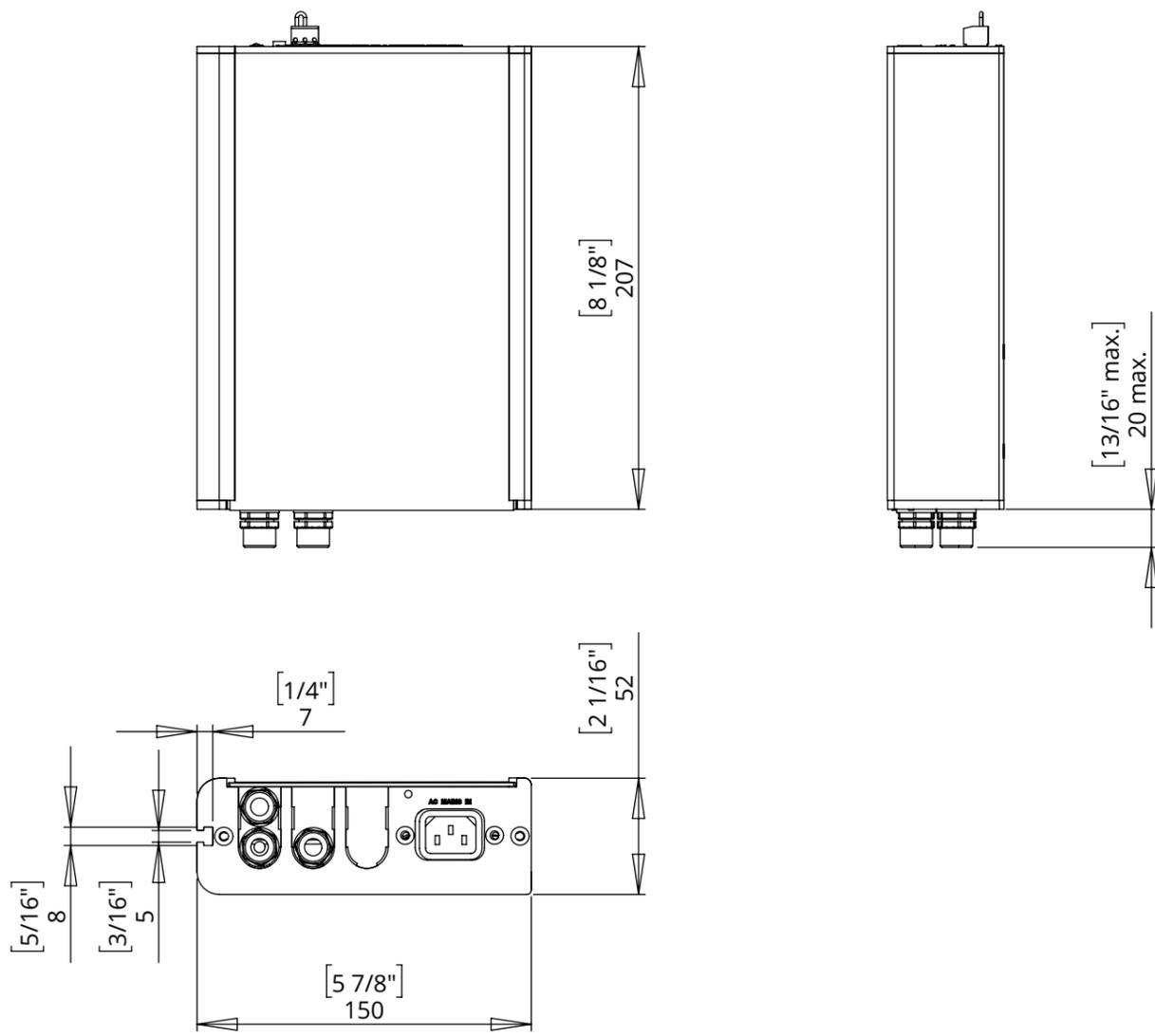


# DCL-R1

## DOME CAMERA LIFT



### CONTROL BOX DETAILS



- NOTES**
- POWER SUPPLY UNIT (PSU) WILL ALLOW 110V OR 240V AC INPUT. THE SAME PSU IS USED FOR EU OR US MAINS SUPPLIES.
  - OTHER THAN CONTROL CABLES, ALL CABLES TERMINATE AT CONTROL BOARD VIA STANDARD PHOENIX CONNECTORS.
  - CABLE LOOM LENGTH SUPPLIED AT APPROX. 3m [118"]. LOOM CAN BE EXTENDED UP TO MAXIMUM OF APPROX. 10m [400"].
  - MINIMUM CABLE BEND RADIUS 25mm [1"].