## PACKAGING

The video board is packaged on (2) 9' pallets, with sections L1, L2, L3 on one pallet and R1, R2, R3 on the other.

Important! During the entire installation process, be careful not to damage the LEDs on the face of the product, especially those on the bottom of each section. Common mistakes include rocking the product forward on its face, "walking" the product on its corners, and damaging LEDs during the lift and place process.

Cabinet sections are bolted to boards on each end, and lag bolted through the bottom to the pallet. To remove cabinet sections:

1. Cut metal bands and remove top boards
2. Unbolt cabinet sections from side boards
3. Remove (4) lag bolts attaching the cabinet sections to the pallet
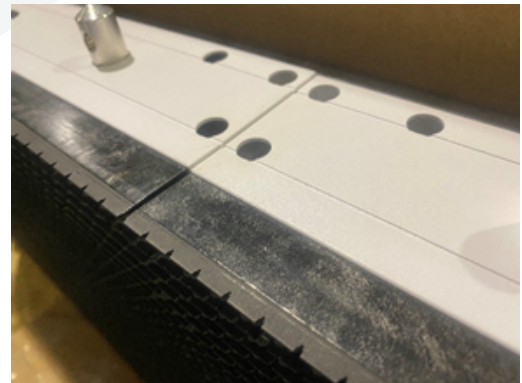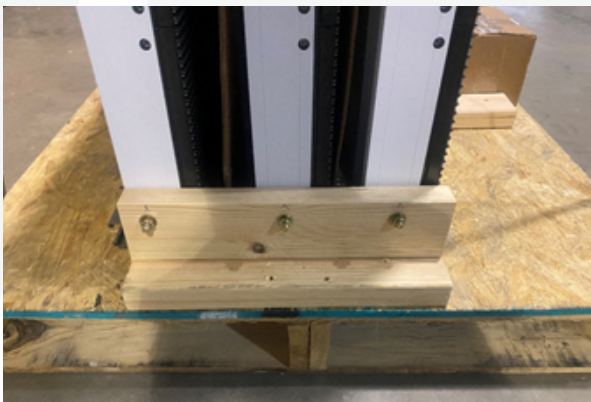
*Check to make sure video cabinet sections are flush, preattached cabinets may shift during shipping. If adjustments are needed, loosen up the (3) bolts between the cabinets after the metal band and side boards have been removed. Adjust cabinet seam and tighten the (3) bolts back.

SHELF INSTALLATION

 The 9932 video board comes with 4 shelves, one for each beam. A shelf consists of (2) ¼" steel plates, and (3) ½" threaded rods with washers/lockwashers/nuts.
Attach the shelves to the columns as seen in the image below. The front of the shelf is the smaller side one rod. Begin by assembling the front rod and tighten to the point that it is still adjustable by hand. Then assemble the then rear rods to finger tight. Position the shelves so that they are level with each other across beams. The bottom of the lowest product should be at least 10' feet off the ground to reduce vandalism and improve view-ability. In (Image 1) the front of the shelf is on the left. Ensure the threaded rods are touching the faces of the beam. Once all shelves are in place and level tighten all nuts down firmly.

PREPARING VIDEO CABINET ROWS

The video board will be installed one row at a time. To begin prepping for installation lay the first row cabinet sections face down in front of the beams (packaging carboard can be used to protect the face). The lowest row sections will be labeled L1 and R1 (left and right if you are looking at the display from the front).

Bolt the sections together using (3) 3/8"x2" bolts, making sure to get the cabinet sections flush so there are no seams on the display.

SPONSOR PANEL INSTALLATION

The 9932 includes (6) sponsor panels. Sponsor panels will be placed on each side of the (3) rows of video. Lay sponsor panels face down to attach (2) 67" pieces of Unistrut channel to each sponsor panel.

Use the provided 3/8" socket cap screws to fasten the Unistrut to the sponsor panels. The side closest to the video row will have a plate Unistrut bracket that attaches with the 3/8 bolts on both pieces of Unistrut, this will allow the sponsor panels to be lifted along with the video row.

Line up the sponsor panel next to the video row, and remove the socket cap screw from the video rows Unistrut, and bolt the plate Unistrut bracket to the video row using the same bolt.

Make this connection on both the top and bottom Unistrut, and repeat for each sponsor panel.

Once the cabinet sections are bolted together make the power and data connection between the two sections.

Locate the data couplers and complete the data connection between the left and right sections using the Cat5 cables that are hanging out of the cabinet. Make sure the o-rings are in place on the coupler and tighten down.

Complete the power connection between the L-R sections making sure to thread the watertight seals.

Power connection between L-R sections
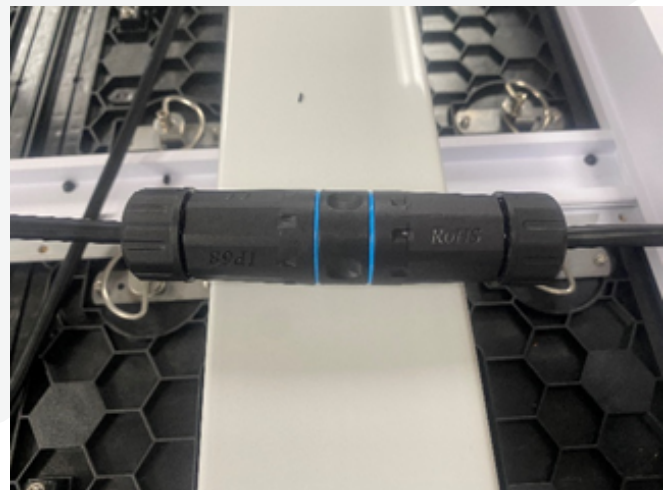

Data Connection between L-R sections

INSTALLATION OF FIRST VIDEO ROW:

The first video cabinet row is now ready to be lifted onto the shelf using the two preinstalled eye bolts. Set the row on the shelf as shown in the image. Make sure not to set video cabinet row on any loose cabling. To secure the row to the beams:
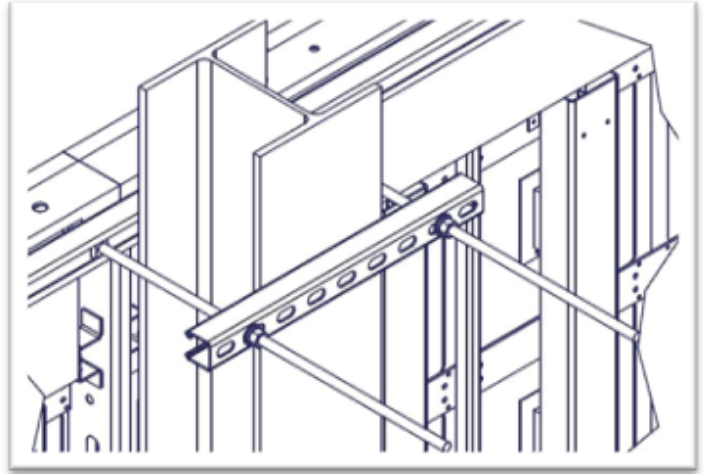
1. Insert the Unistrut nuts into the Unistrut
2. Thread the threaded rods into the Unistrut
3. Attach 18" Unistrut sections to the back face of the beam using ½" nuts/washers/lockwashers to the threaded rods (see additional images)
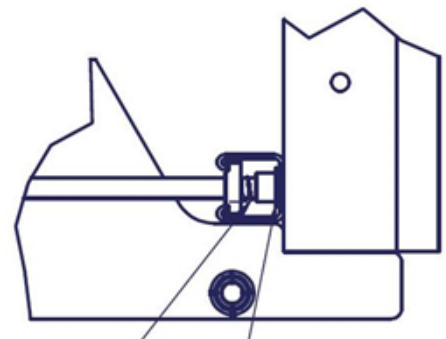
(Video cabinet placement on shelf)
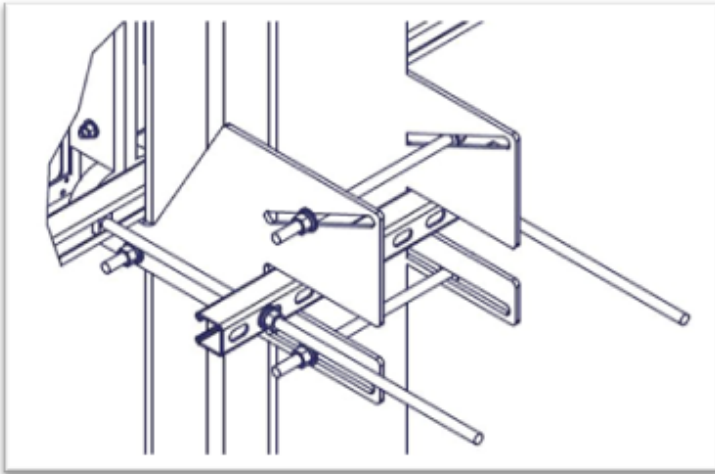
(Unistrut attachment at shelf)


(Unistrut attachment at top of video row)

The first row of video cabinets will require the Unistrut assembly to be completed at the top and bottom of the row, while the second and third rows will only require the top Unistrut assembly. (see Unistrut assembly location image)

## REMOVAL OF EYE BOLTS & REPLACING VIDEO TILES

After the first video cabinet row is secured in place, remove the eye bolt and replace the video tile. Unscrew the enclosure on the back of the video tile and plug in the power and data connections. Screw the enclosure back down, and tuck the excess cable into the wiring tray and push the video tile into place.

(Video Tile Power & Data Connection)
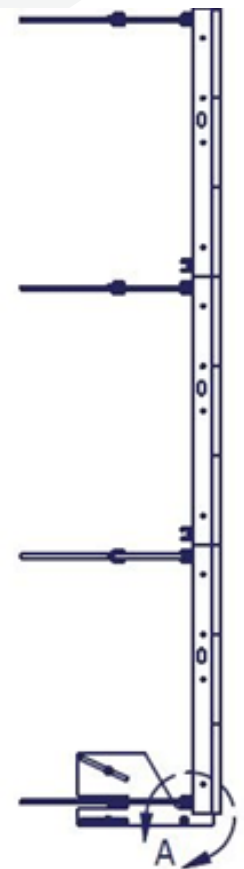
Unistrut Assembly Locations
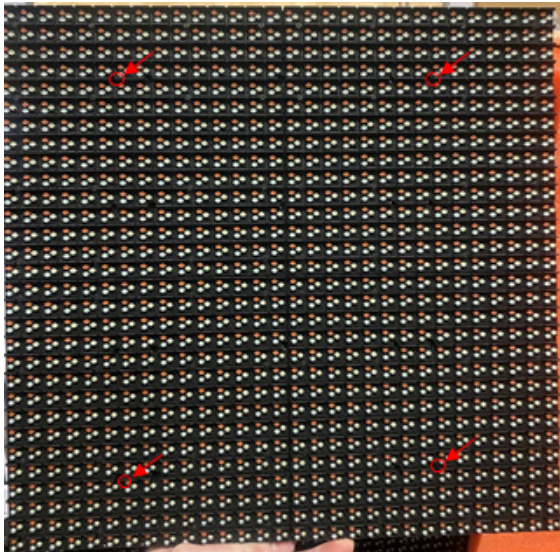
(Video tile fastener locations)

The video tile has (4) fasteners on the back to secure it to the video cabinet. Video tile fasteners are tightened from the front of the tile. Use the included T-handle to tighten the fasteners.

INSTALLATION OF REMAINING VIDEO ROWS & WIRING BETWEEN ROWS

Follow the same steps for installing the (2) remaining video rows.

Once the remaining two rows are in place, make the data connection between rows. There will be one connection between section L1 & L2, and one connection between section R2 & R3. Review the wiring diagram on the next page to make sure all of the necessary power and data connections have been made. Note that the view on the wiring diagram is from the back of the video display.

REMAINING CONNECTIONS:

Each right section of the video rows (R1,R2,R3) have a dedicated power cable that can be wired to local power (disconnect, breaker box).

Cabinet R1 has a 50' data cable for connection to the video control kit, please refer to video control documentation for these connections.

ELECTRICAL REQUIREMENTS:

- Max Wattage entire display: 5603W 120/240V
- Average Wattage entire display: 1858W 120/240V
- Max Wattage each row: 1867.6W 120/240V
- Average Wattage each row: 619.3W 120/240V

BACK VIEW OF VIDEO PANELS