

CUBISCAN 225-HS SETUP

QUICK REFERENCE GUIDE

This quick reference guide provides an overview and instructions for assembling and setting up the Cubiscan 225-HS. For more detailed instructions, see the *Cubiscan 225-HS Operations and Technical Manual*.

In the crate

Upon opening the crate, you'll find the following items:

➤ Cubiscan 225-HS Components

- Belt assembly
- Measuring gate

➤ Box

- Calibration cube
- Display
- Display arm
- Hardware

Tools needed, but not supplied

- Impact driver with Phillips #2 bit
- Phillips screwdriver
- 3/32" Allen wrench
- 3/8" ratchet wrench with 9/16" socket

1 Unpack

- 1 Using an impact driver with a Phillips #2 bit, remove the top of the crate and sides of crate.
- 2 Carefully remove the foam, wrap, and other packaging while leaving the gate in its horizontal position.

2 Prepare to place gate

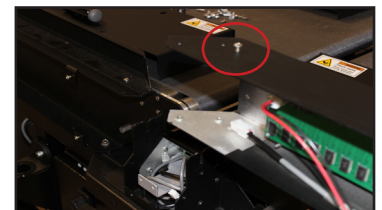
- 1 Remove the six screws on each of the four side panels.
- 2 Set the panels on the belt and the 24 screws in a safe location.



Set the side panels on the belt.

3 Place the gate

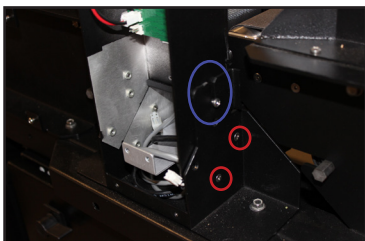
- 1 Loosen the two button screws on each side of the gate, then slide the sides of the gate off of the keyholes.
- 2 Screw a few threads of four provided button cap screws into the center hole near the bottom of each side of the gate as indicated.
- 3 Lift the gate and place in vertical position, slotting the button cap screws in place to balance the gate until it is secured.



Center hole, circled in red, is located on each of the gate's four sides.

4 Secure the gate

- 1 Fasten two provided countersink screws on each of the four gate post sides as indicated.
- 2 Tighten the button cap screws.



Countersink screw locations are circled in red. The button screw in its slot (from step 3.3) is circled in blue.

5 Replace side panels

- 1 Replace the four covers to the side panels (removed in step 2).



6 Connect cables in front side of gate

- 1 Connect the light tower cable to its receptor.
- 2 Connect the power cable to its receptor.
- 3 Connect the Ethernet cable to its receptor.
- 4 Tuck the cable excess in towards the bottom.
- 5 Replace the gate's front side cover by sliding it over the keyholes and tightening the screws.



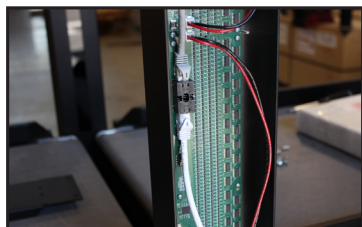
Light tower cable



Power cable (red) and Ethernet cable connected to receptors

7 Connect cable in rear side of gate

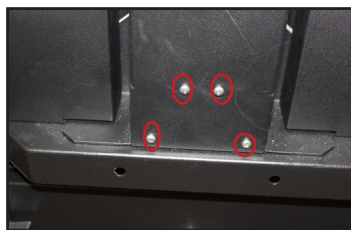
- 1 Connect the white cable to its receptor.
- 2 Replace the gate's rear side cover by sliding over the keyholes and tightening the screws.



White cable connected to receptor.

8 Finalize securing gate

- 1 Add two screws on the lower center of the gate side on front and rear of gate.
- 2 Fasten two more screws below the lower center ones on front and rear of gate.



Fasten four screws on front and rear gate sides to finalize securing the gate.

9 Place the display arm

- 1 Loosen the set screw.
- 2 Place the display arm on its mount.
- 3 Tighten the arm in place using a 3/32" Allen wrench.
- 4 Cut the zip ties.

10 Place the display

- 1 Carefully remove foam wrapping from the display.
- 2 Mount to the arm by securing four outer bolts as shown.



Secure with four outer bolts.

11 Connect cables to display

- 1 Cut the zip tie securing the HDMI and power cables on the front left center leg near the display.
- 2 Plug the HDMI and power cables into their ports on the display.
- 3 Screw the two provided cable clamps to the back of the display and secure the cables in the cable clamps.
- 4 Tuck the excess cable length out of the way.



Cables plugged in and clamped.

12 Remove shipping bolts

- 1 Use a 3/8" ratchet with a 9/16" socket to remove the hex head bolts and lock nuts securing the Cubiscan 225-HS to the bottom of the crate.

13 Plug in power

- 1 The power cord is located on the right leg. Cut the zip tie and connect the power cord to an outlet.