

A-dec® Smart Shield Touchscreen

Product Models and Versions Covered in This Document

Models	Versions	Description
SC3/SC5/SC7/ SC10/SC12	n/a	Air Compressor
WS1/WS1.5/WS2	n/a	Digital Water Safety Valve
DV5/DV7/DV10/ DV12	n/a	Dry Vacuum

Important Information

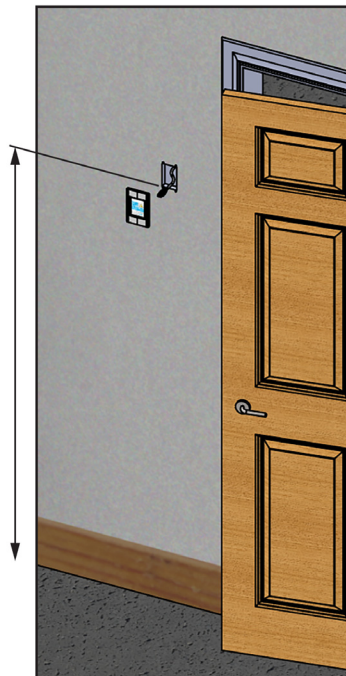


WARNING Only use the remote switch or the switch on the compressor and vacuum to operate this equipment. Do not run/stop the compressor or vacuum by turning the main power on/off.

Mount the Smart Shield Touchscreen to Drywall

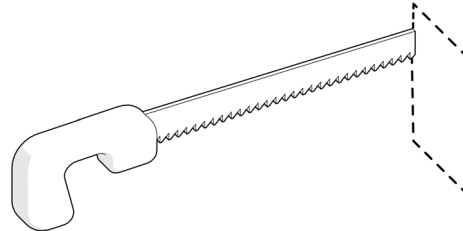
If you are using an existing wall box, see page 2.

1. Use the template located on the last page of this installation guide to mark the wall for the cut in the drywall. The bottom of the opening should be 58" above the floor.



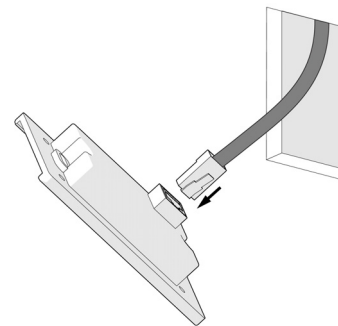
The bottom of the opening for the touchscreen should be 58" above the floor.

2. Accurately cut the opening to the inside of the marked rectangle.

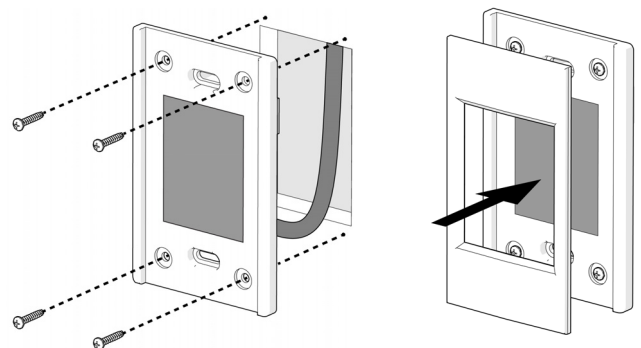


CAUTION Use a Cat 6 or better Ethernet cable of no longer than 100'. Ensure a minimum 2" space between each cable run from all AC wiring. Do not drape the cable across other equipment or light fixtures. Leave some slack and limit bend radius to no less than a golf ball in size.

3. Run Ethernet cable from the mechanical room, where the Smart Hub will be located, to the opening in the wall and connect it to the touchscreen. Run one continuous cable without switches or splitters.



4. Insert the touchscreen in the opening and secure with light-duty drywall anchor screws (not provided).
5. Snap the front cover of the touchscreen into place.

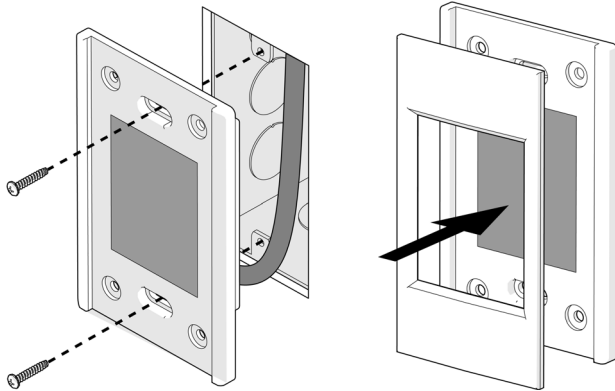


Mount the Smart Shield Touchscreen to an Existing Wall Box



NOTE The touchscreen does not fit a standard single-gang wall box. The box must be 4" H x 2" W, such as the Hubbel Raco 8670.

1. Connect the Ethernet cable in the wall box to the touchscreen. See step 3 on page 1.
2. Use two screws (not provided) to secure the touchscreen to the mounting flanges on the wall box.
3. Snap the front cover of the touchscreen into place.



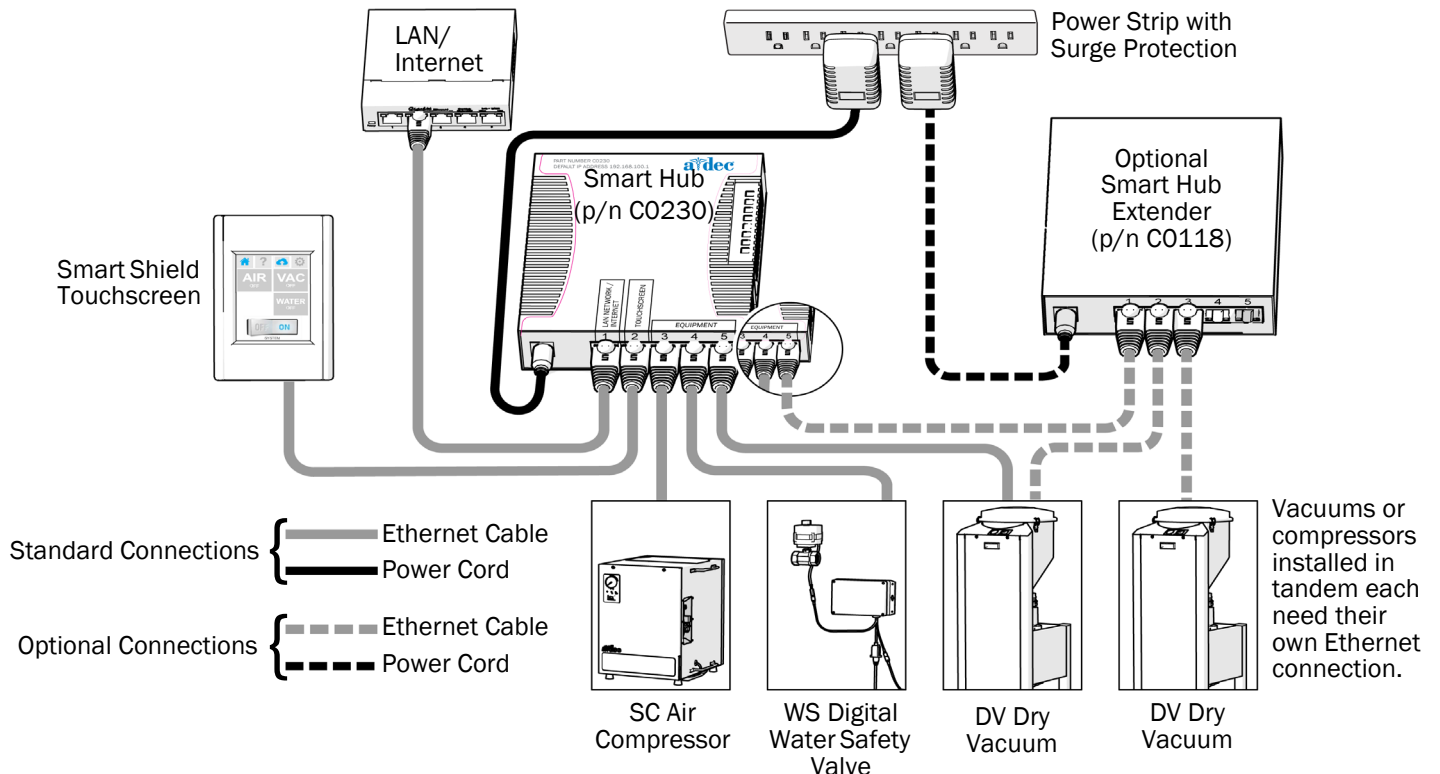
Make the Ethernet Connections to the Smart Hub

1. Connect the LAN/Internet to port 1.
2. Connect the touchscreen to port 2.
3. Connect mechanical room equipment to ports 3, 4, and 5. It does not matter which port each piece of equipment is connected to.
4. Connect the power supply to the Smart Hub and plug it into a power strip with surge protection. Remote monitoring is now active.

Connect the Optional Smart Hub Extender

If connecting more than three devices, use the optional Smart Hub Extender to add up to three more ports to the system.

1. If equipment is currently connected to port 5 of the Smart Hub, unplug it and connect it to port 2 of the Smart Hub Extender.
2. Connect an Ethernet cable to port 5 of the Smart Hub and port 1 of the Smart Hub Extender.
3. Connect any additional equipment to the remaining ports on the Smart Hub Extender.
4. Connect the power supply to the Smart Hub Extender and plug it into a power strip with surge protection.



Confirm Connectivity and Register Equipment

1. Set the master power switch to the REMOTE position on the dry vacuum and air compressor.
2. Call A-dec customer service to confirm connectivity and register equipment.

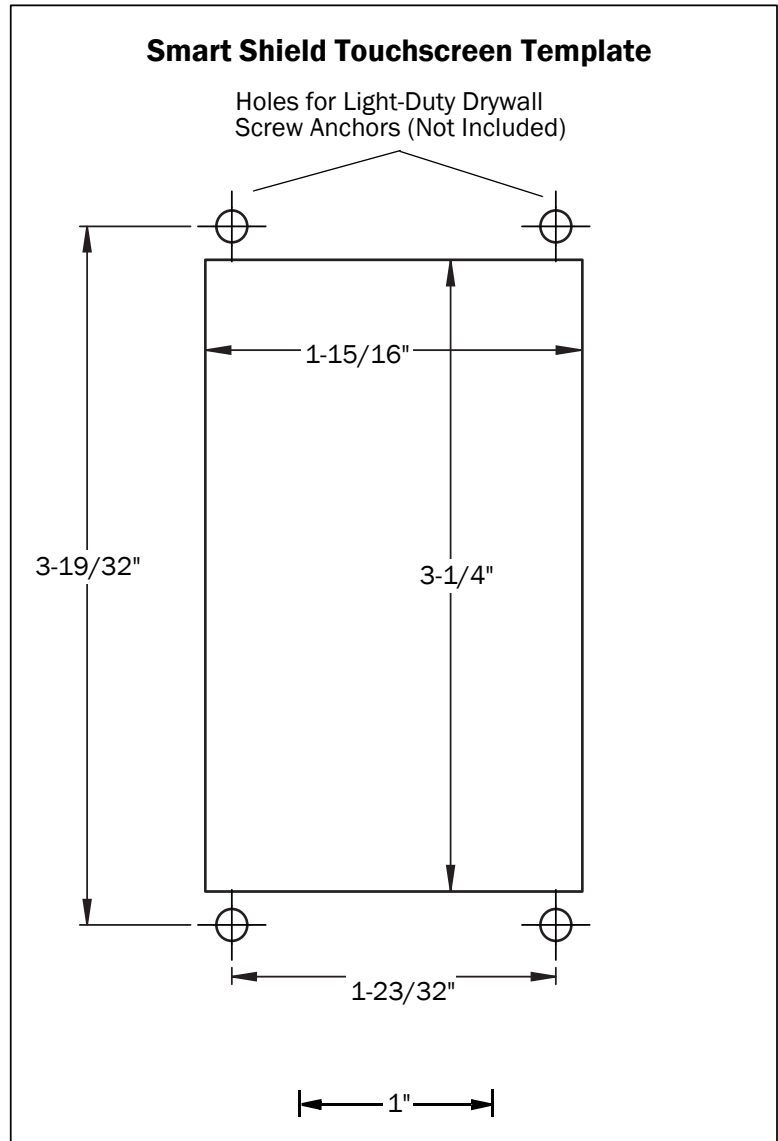
Tel: 1.800.547.1883

Have the following information available:

- Serial numbers
- Office name and address
- Emergency contact name and telephone number

Regulatory Information and Warranty

For required regulatory information and the A-dec warranty, see the *Regulatory Information, Specifications, and Warranty* document (p/n 86.0221.00) available in the Resource Center at www.a-dec.com.



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