

Access XL V

Extra large, ceiling-recessed electric screen



SUBMITTAL TECHNICAL INFO

Please check all appropriate selections and attach room schedule with verified dimensions.

Specifications

QUANTITY: _____ **SIZE:** _____ h. x _____ w.

HOUSING: Case back, top, and front constructed of steel. Endcaps are steel. Bottom panel forms slot for passage of surface, easily removable for access. If mounted in ceiling, housing includes bottom flange for trim around edges of ceiling opening.

ROLLER/FABRIC ASSEMBLY: Installed in case at factory. Brackets supporting roller/fabric assembly to slide in track inside top of case, allowing surface to be centered in case. Roller of 5" (12.7cm) dia. metal.

VIEWING SURFACE: with black masking borders. Each side of surface has a tab-guide cable system for even lateral tension and flat surface. Bottom of surface supported and masked by black extruded aluminum dowel weighted to apply proper vertical tension. Top of viewing surface masked by 12" (30cm) black drop. Viewing surface flame and mildew resistant. Matt White XT1000V and Grey XH600V viewing surfaces are certified to GREENGUARD standards for low chemical emissions into indoor air during product usage. U.S. and Canada. For more information, visit ul.com/gg.

MOTOR: 110-120V AC, 60 Hz. 4-wire motor mounted inside roller, max 2.3 Amp current draw, instantly reversible, lifetime lubricated, with internal thermal overload protector and electric brake, standard motor with preset accessible switches. Housing features internal junction box, allowing it to be installed and wired to building supply wires at an early stage of construction. Junction box has plug-in style connector, accepting the mating half of the connector from the motorized roller/fabric assembly.

CONTROLS: 3-position control switch (or switches—specify number) to stop or reverse surface at any point. Switch(es) furnished with cover plate.

MOUNTING METHODS: Case may be mounted to ceiling with 3/8" (9.5mm) threaded rod, or to wall with appropriate fasteners for the given wall construction.

MOUNTING BRACKETS: Slide in 18" (45.7cm) long channels on top of case, allowing brackets to be moved to avoid interference with conflicting building structures. Brackets must be locked in position by tightening screws. In typical ceiling installations, mounting brackets may be angled to meet installation requirements.

PLENUM RATED CASE (UL APPROVED "SUITABLE FOR USE IN ENVIRONMENTAL AIR SPACE").

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

DOWNLOADABLE 3-PART SPECIFICATIONS: available at www.draperinc.com

Please note: Dimensions of rollers, operators, and hardware at manufacturer's discretion.



Select Case Color:

- ☐ White (standard)
- ☐ Black (optional)

Select Motor Location:

- ☐ Left end (standard)
- ☐ Right end

Select Mounting Method

- ☐ Ceiling (Standard)
- ☐ Wall (Optional)

Optional Mounting Accessories:

- ☐ Additional set of Ceiling Mounting Brackets for ALTERNATE mounting.
(see page 2)
- ☐ Set of Wall Mounting Brackets for WALL mounting
(Sold Separately see page 2)

Optional Accessories

- ☐ Extra Drop
 - ☐ Black (standard)
 - ☐ Same color as viewing surface
 - ☐ Length of Total Drop: _____

Please Note: Extra drop increases case and dowel length. Specify at time of order and contact Draper if dimension is critical.

Select Viewing Surface:

TECVISION® Premium Optical Surface

Choose TecVision® surface:

- ☐ XT1000X White (1.0 gain) Certified
- ☐ XT1100X White (1.1 gain) Certified
- ☐ XT1300X White (1.3 gain) Certified
- ☐ XT1600X White (1.6 gain) Certified
- ☐ XH700X Grey (0.7 gain) Certified
- ☐ XH1200X Grey (1.2 gain) Certified
- ☐ XH800X ALR (0.8 gain) Certified
- ☐ XH900X ALR (0.9 gain) Certified
- ☐ MS1000X ALR (1.0 gain) Certified
- ☐ CS1100X ALR (1.1 gain) Certified
- ☐ Other _____

Choose standard viewing surface:

- ☐ Matt White XT1000VB* (1.0 gain): GREENGUARD Gold certified
- ☐ Grey XH600V (0.6 gain) (Thru 9' x 12'): GREENGUARD Gold certified
- ☐ Cineflex CH1200V (1.2 gain)
- ☐ Cineflex White XT700V (0.7 gain)
- ☐ Other _____

See Pages 2 & 3 for Motors and Controls
and Standard Dimensions and Data



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PROJECT: _____

ARCHITECT: _____

CONTRACTOR: _____

SUPPLIER: _____

DATE: _____ REVISED: _____

Select Motor and Controls:

Standard Voltage Motor and Control Options:

- ☐ 110-120V AC (standard)

Please Note: This motor comes with one 110V-120V AC 3-position wall switch (silver wall plate with black rocker).

High-Voltage Switch Options

- ☐ Substitute white switch(es) for silver wall plate with black rocker
 - ☐ Optional Key Operated Switch
 - ☐ Power Supply Key Switch (On-off) (KS-1)
 - ☐ 3-Position Key Control (KS-3)

Low-Voltage Control Options:

- ☐ Internal LVC-IV (Low-Voltage Control Module)
- ☐ External LVC-IV (Low-Voltage Control Module)

Please Note: Select Control Options for Low-Voltage from below.

- ☐ 24 Volt 3-Button Switch Number of 24V switches: _____
- ☐ Radio Frequency Remote Control (only with 24V)
- ☐ Infrared Remote Control (only with 24V)
- ☐ Optional Key Operated Switch
 - ☐ 3-Position Switch with Hinged Key-Locking Coverplate (SP-KPS-1)
 - ☐ 3-position Key Control (SP-KSM)

Dimensions and Data

16:10 Format

Nominal Diagonal	Image Area	Case Length ¹	Dowel Length	Net Wt. (lbs.)	Qty.
255"	135" x 216"	246 ⁵ / ₈ "	234 ¹ / ₄ "	290	

HDTV Format (16:9)

Nominal Diagonal	Image Area	Case Length ¹	Dowel Length	Net Wt. (lbs.)	Qty.
248"	121 ¹ / ₂ " x 216"	244 ⁷ / ₈ "	232 ¹ / ₂ "	285	

NTSC Video Format (4:3)

Nominal Diagonal	Image Area	Case Length ¹	Dowel Length	Net Wt. (lbs.)	Qty.
250"	148" x 198"	228 ⁵ / ₈ "	216 ¹ / ₄ "	272	
270"	162" x 216"	248 ⁵ / ₈ "	236 ¹ / ₄ "	295	

Audio Visual Format

Size (H x W)	Case Length ¹	Dowel Length	Net Wt. (lbs.)	Qty.
16' x 16'	229"	216 ⁵ / ₈ "	279	
13'6" x 18'	248 ⁵ / ₈ "	236 ¹ / ₄ "	295	
18' x 18'	254 ⁷ / ₈ "	242 ¹ / ₂ "	311	

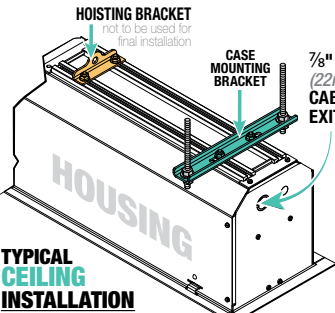
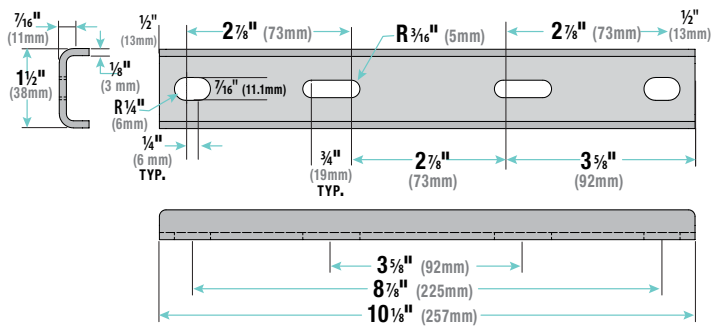
Custom Size

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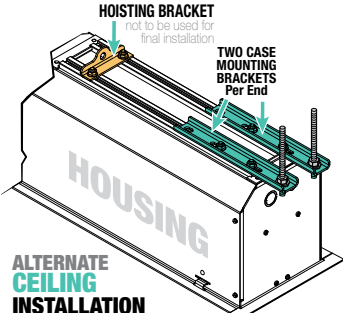
Extra drop will increase case and dowel length.
Specify at time of order and contact Draper if this dimension is critical.

¹ Includes ³/₄" (19 mm) flange on each end of case.
Subtract 1 ¹/₄" (32 mm) for rough ceiling cutout size.

Ceiling Mounting Bracket Dimensions

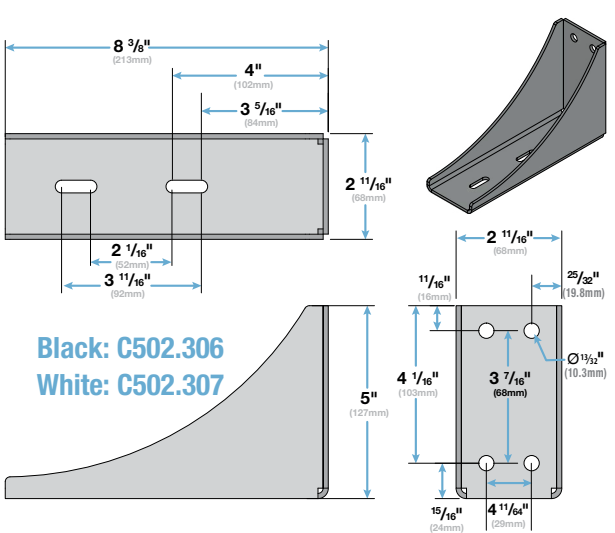


TYPICAL CEILING INSTALLATION
With typical installation, brackets may be angled to meet installation requirements.

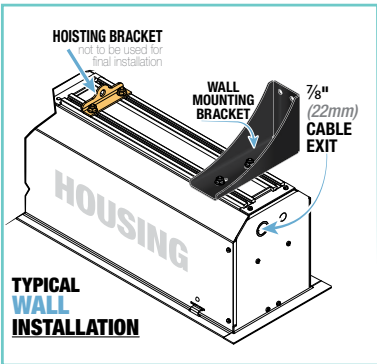


ALTERNATE CEILING INSTALLATION
Additional set of brackets required, but **NOT** included.

Wall Mounting Bracket Dimensions (Sold Separately)



Black: C502.306
White: C502.307



TYPICAL WALL INSTALLATION

CASE LENGTH

18" (457mm)

3/4" (19mm)

18" (457mm)

3/4" (19mm)

1 3/8" TYP (35mm)

LEVELING BRACKET**

8" (203mm)

6 7/8" (175mm)

ACCESS XL

3/4" (19mm)

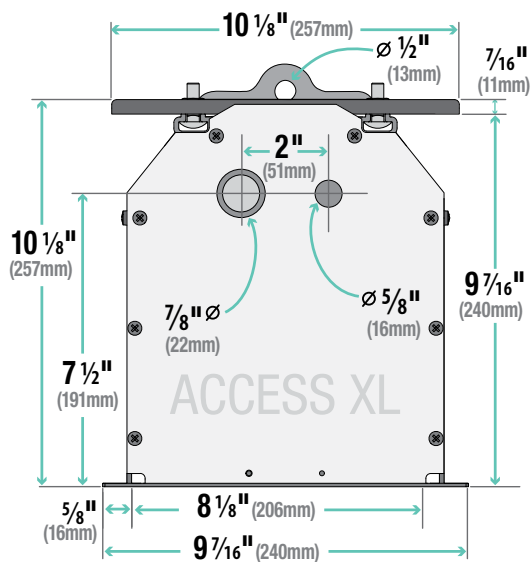
L*

L*

3/4" (19mm)

***L = Varies**

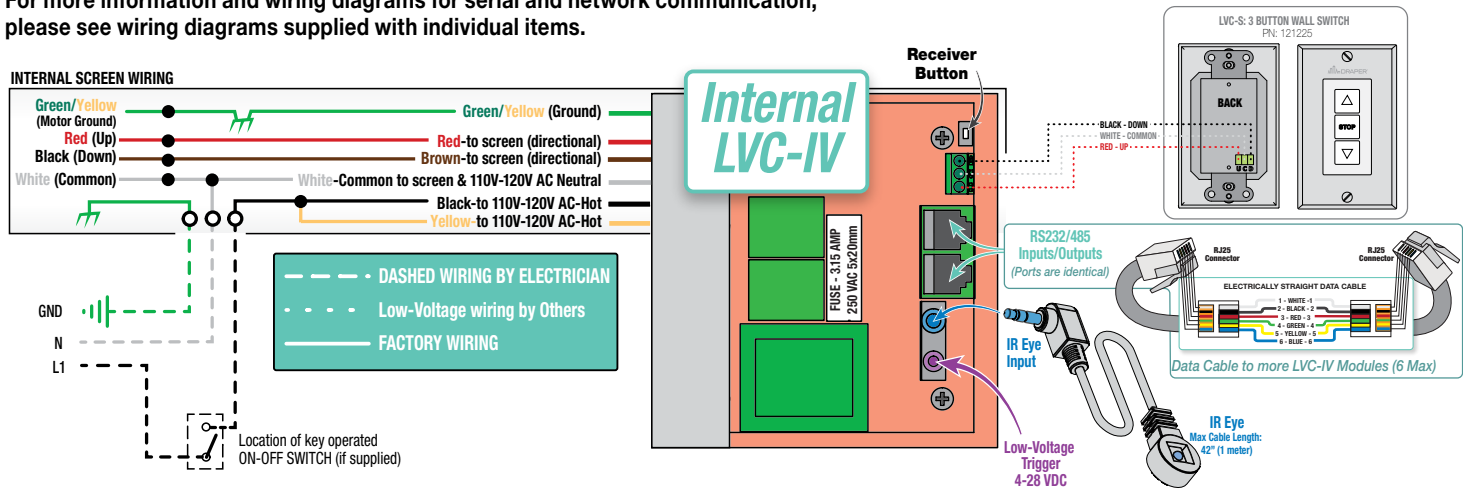
- For minimum length of ceiling cutout: subtract 1 ¼" (32mm) from case length (measured from outer edge of flanges).
- For minimum width of cutout (front to back): see case width dimensions below.
- **Leveling bracket is used to level the case and should NOT be used to support the weight of the unit.
- The leveling bracket is screwed to the side of the case. Hardware used for leveling provided by others.
- There are several knock-outs in the screen housing to allow the Leveling Bracket to be adjusted laterally up to 16" (40.6cm) in either direction.



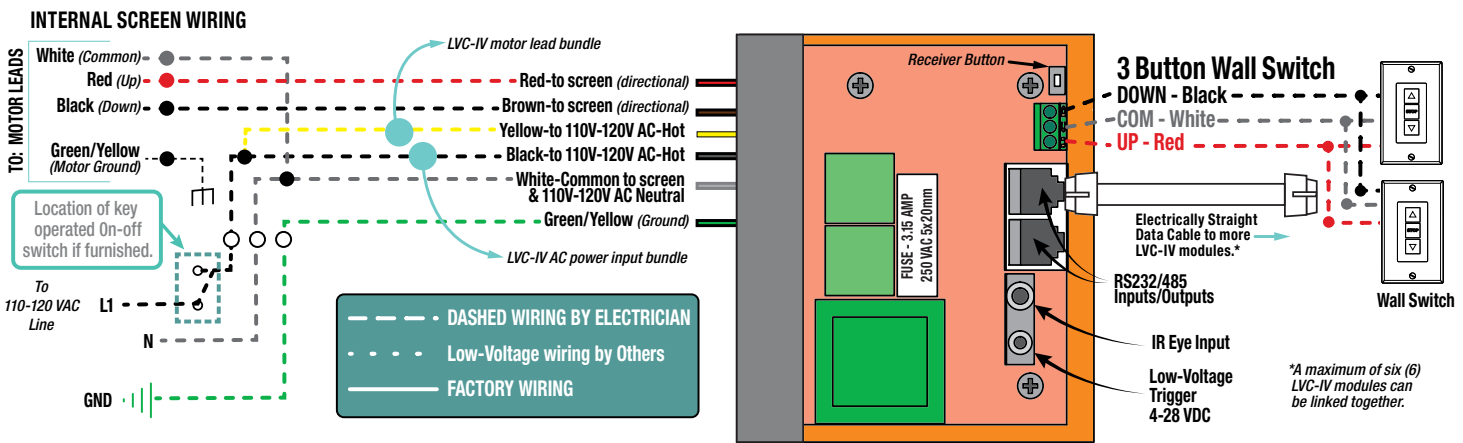
Standard Motor Wiring is on the
AUDIENCE LEFT END of Screen Case.

Wiring Diagrams

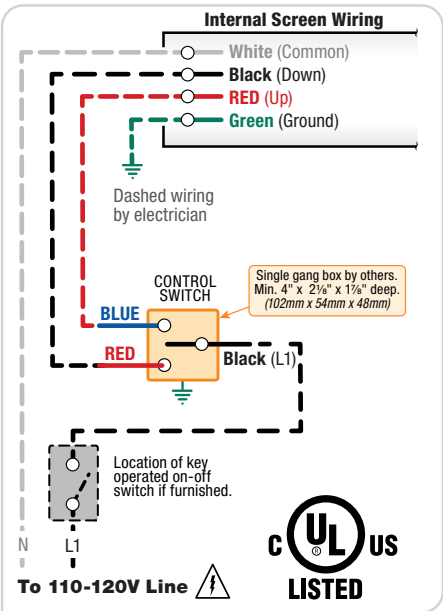
For more information and wiring diagrams for serial and network communication, please see wiring diagrams supplied with individual items.



WIRING DIAGRAM - External LVC-IV (Low-Voltage Control Module)



110-120V Motor and Quiet Motor
Single Station Control



Please Note: For external low-voltage (LVC-IV), serial (LVC-IV) and network (LVC-IV) wiring diagrams, please consult instructions for those modules.