

Ultimate Access XL V

XL tab-tensioned electric screen with motorized closure

SUBMITTAL TECHNICAL INFO

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

Specifications

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

Projection screens, recessed ceiling mounted. Electrically operated 60 Hz., 110-120V AC, 5-wire motor mounted inside screen roller, instantly reversible, lifetime lubricated, with internal thermal overload protector and electric brake with preset limits. Case finished in white. Case constructed of steel, except side trim flanges and access doors are aluminum. Endcaps are stamped steel. Bottom of case consists of an independently motorized trap door that opens up inside the screen case. The trap door and the access door both hinge downward to allow access to inside of screen case. The doors remain attached to the screen case via a concealed full-length hinge. Releasing latches at the center and each end of the screen case allows the door to hinge downward. A prop arm at each end may be pivoted to engage with endcaps, keeping the door assembly in its fully open position. Internal junction box allows case to be installed and pre-wired to building supply. Junction box to have two plug-in style connectors, mating with connectors from motorized roller/fabric assembly and motorized door assembly. Case flange to trim edges of ceiling opening. Case may be mounted with 3/8" (9.5mm) threaded rod, or with 3/8" (9.5mm) lag screws through mounting brackets. 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 installations, mounting brackets may be angled to meet installation requirements.

Roller/fabric assembly installed in case at factory. Brackets supporting roller/fabric assembly to slide in track inside top of case, allowing viewing surface to be centered in case regardless of screen size. Roller of 5" (12.7) or 7" (17.8cm) nominal dia. metal. 3-position control switch to stop or reverse screen at any point. Switch(es) furnished with cover plate.

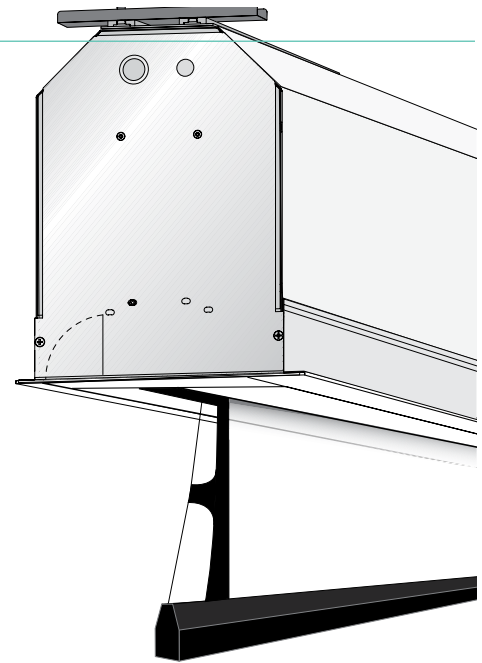
Viewing surface with black masking borders. Each side of surface to have tab-guide cable system for even lateral tension and flat surface. Bottom of surface supported and masked by black extruded aluminum dowel weighted to apply proper vertical tension. Top of surface masked by 12" (30.5cm) black drop. 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.

For more information, visit ul.com/gg.

Entire unit certified by Underwriters' Laboratories, Inc. for the U.S. and Canada. Plenum rated case (UL approved "Suitable for Use in Environmental Air Space").

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:

- 110-120V AC (standard)

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

Select Additional Options:

- Additional set of mounting brackets for alternate mounting (see page 3)
- Extra Drop
Length of Total Drop: _____
(Standard 12" (30cm) + additional drop)
(Max drop is 72" (1.8m))
(Total screen height cannot exceed 19' (5.8m))
- Drop Color:
 - Black (standard)
 - Same color as viewing surface

¹ Extra drop may increase overall case and dowel length. Contact Draper if dimension is critical.

Select Viewing Surface:

- Black Backed Matt White XT1000VB (1.0 gain) (GREENGUARD Gold certified)
- Grey XH600V (0.6 gain) (Thru 9' x 12') (GREENGUARD Gold certified)
- Pure White XT1300V (1.3 gain): _____
- Rear Projection Surface (optional): _____
- Other: _____

TECVISION[®] Premium Optical Surface

- XH700X Grey (0.7 gain) Certified
- XH800X UST ALR (0.8 gain) Certified
- XH900X ALR (0.9 gain) Certified
- MS1000X ALR (1.7 gain) Certified
- CS1000X ALR (1.0 gain) Certified
- XT1000X White (1.0 gain) Certified
- XT1100X White (1.1 gain) Certified
- CS1200X ALR (1.2 gain) Certified
- XT1300X White (1.3 gain) Certified
- XT1600X White (1.6 gain) Certified
- XT1800X White (1.8 gain) Certified



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PROJECT: _____

ARCHITECT: _____

CONTRACTOR: _____

SUPPLIER: _____

DATE: _____ REVISED: _____

Select Motor:

- 110-120V AC (standard)

Select Control Options:

- Total number of 110-120V AC switches
(switches operate independently)
- Substitute white switch(es) for silver wall plate with black rocker
 - Optional Low-Voltage Control Module
 - Factory install LVC-IV inside case? Yes No
 - 24 Volt 3-Button Switch
Number of 24V switches: -----
 - Radio Frequency Remote Control (only with LVC-IV)
 - Infrared Remote Control (only with LVC-IV)
 - Video Interface Control (part of LVC-IV)
 - Optional Key Operated Switch
 - Power Supply Key Switch (on-off)
 - 3-Position Key Control
 - 3-Position Switch with Hinged Key-Locking Coverplate

Dimensions and Data

16:10 Format

Nominal Diagonal	Image Area	Case Length ¹	Dowel Length	Net Wt. (lbs.)	Qty.
189"	100" x 160"	186 ³ / ₄ "	174 ³ / ₈ "	249	
198"	105" x 168"	195 ¹ / ₄ "	182 ⁷ / ₈ "	313	
226"	120" x 192"	220 ⁷ / ₈ "	208 ¹ / ₂ "	330	
234"	124" x 198"	226 ⁷ / ₈ "	214 ¹ / ₂ "	357	
255"	135" x 216"	246 ⁵ / ₈ "	234 ¹ / ₄ "	390	
278"	147" x 236"	270 ¹ / ₈ "	254 ¹ / ₄ "	422	
307"	162" x 260"	296 ¹ / ₈ "	280 ¹ / ₄ "	462	

HDTV Format (16:9)

Nominal Diagonal	Image Area	Case Length ¹	Dowel Length	Net Wt. (lbs.)	Qty.
184"	90" x 160"	186 ³ / ₄ "	174 ³ / ₈ "	250	
193"	94 ¹ / ₂ " x 168"	194 ³ / ₄ "	182 ³ / ₈ "	273	
220"	108" x 192"	219 ¹ / ₄ "	192 ¹ / ₂ "	284	
227"	111" x 198"	225 ¹ / ₄ "	212 ⁷ / ₈ "	352	
248"	121 ¹ / ₂ " x 216"	244 ⁷ / ₈ "	232 ¹ / ₂ "	385	
270"	133" x 236"	270 ¹ / ₈ "	254 ¹ / ₄ "	417	
300"	146" x 260"	294 ¹ / ₈ "	278 ¹ / ₄ "	457	

NTSC Video Format (4:3)

Nominal Diagonal	Image Area	Case Length ¹	Dowel Length	Net Wt. (lbs.)	Qty.
200"	118" x 158"	186 ⁷ / ₈ "	174 ⁵ / ₈ "	282	
210"	126" x 168"	196 ⁷ / ₈ "	184 ¹ / ₂ "	331	
220"	132" x 176"	204 ⁷ / ₈ "	192 ¹ / ₂ "	339	
230"	138" x 184"	214 ⁵ / ₈ "	201 ³ / ₄ "	346	
240"	144" x 192"	222 ⁵ / ₈ "	210 ¹ / ₄ "	351	
250"	148" x 198"	228 ⁵ / ₈ "	216 ¹ / ₄ "	362	
270"	162" x 216"	248 ⁵ / ₈ "	236 ¹ / ₄ "	395	
24' 7"	177" x 236"	274 ¹ / ₄ "	257 ⁷ / ₈ "	428	
27' 6"	194" x 260"	300 ¹ / ₂ "	284 ⁵ / ₈ "	477	

Audio Visual Format

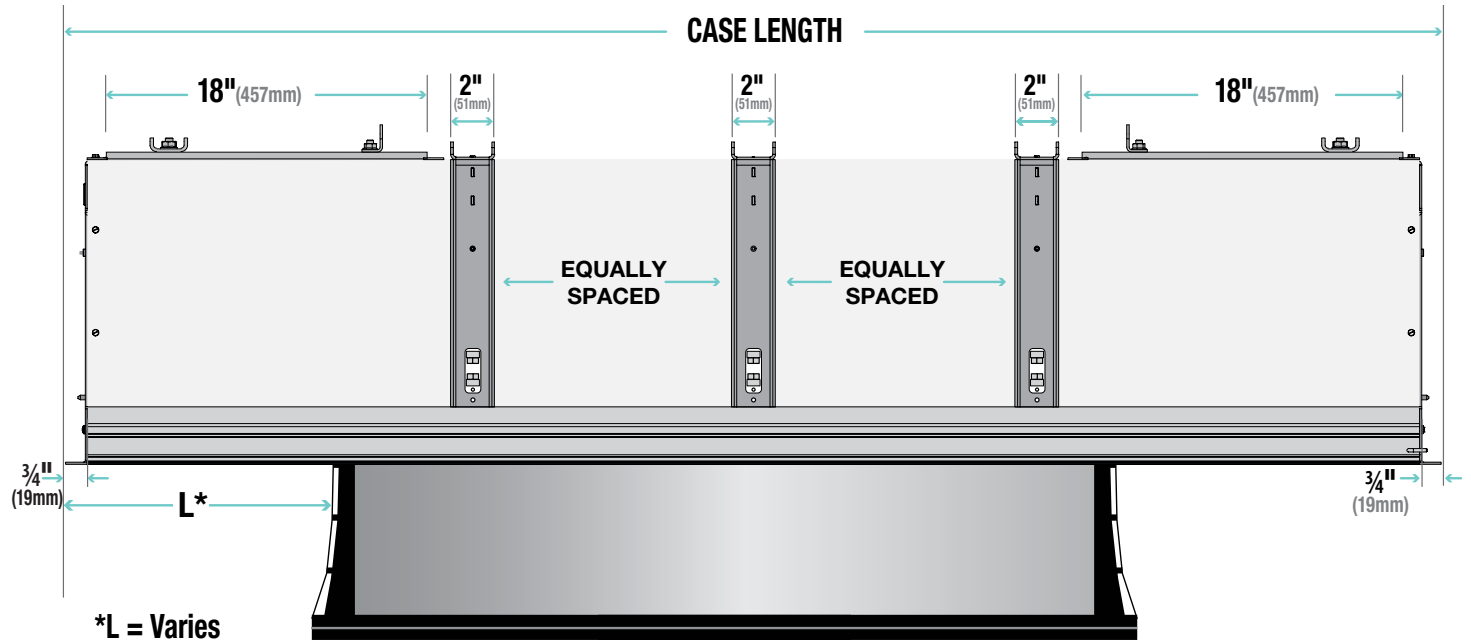
Size (H x W)	Case Length ¹	Dowel Length	Net Wt. (lbs.)	Qty.
10' 6" x 14'	196 ⁷ / ₈ "	184 ¹ / ₂ "	331	
14' x 14'	202 ³ / ₄ "	190 ³ / ₈ "	341	
12' x 16'	220 ⁷ / ₈ "	208 ¹ / ₂ "	355	
16' x 16'	228 ⁵ / ₈ "	216 ⁵ / ₈ "	376	
13' 6" x 18'	248 ⁵ / ₈ "	236 ¹ / ₄ "	397	
18' x 18'	258 ³ / ₈ "	242 ¹ / ₂ "	417	
15' x 20'	278 ¹ / ₄ "	262 ³ / ₈ "	437	
11' x 22'	296 ³ / ₈ "	280 ¹ / ₂ "	457	
16' 6" x 22'	306 ³ / ₈ "	290 ¹ / ₂ "	487	

Custom Size (available up to 168" x 168")

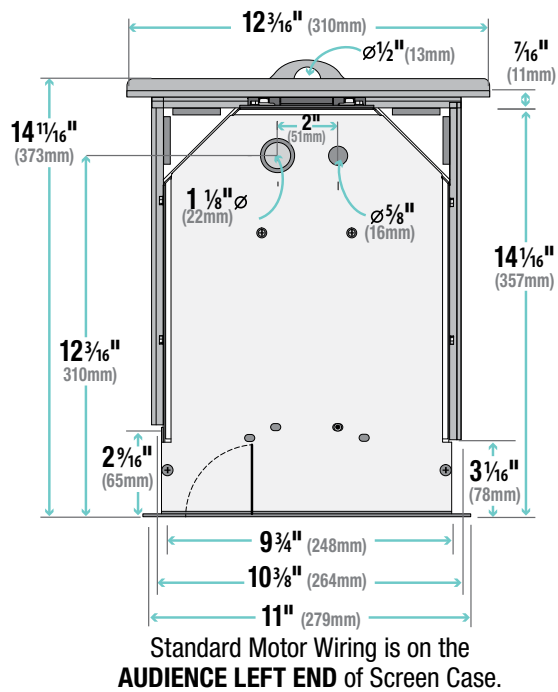
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¹ Includes ³/₄" (19 mm) flange on each end of case. Subtract 1 ¹/₄" (32 mm) for rough ceiling cutout size.

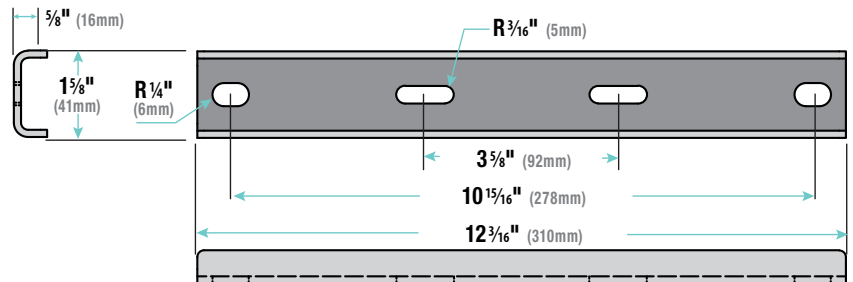
Case Dimensions and Methods of Installation



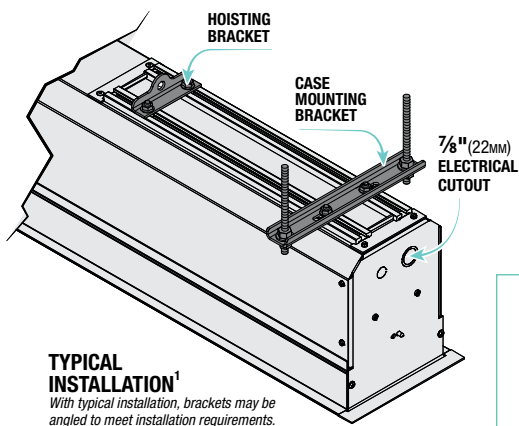
- For minimum length of ceiling cutout: subtract 1 1/4" (32mm) from case length (measured from outer edge of flanges).
- For minimum width of cutout (front to back): see case width dimensions below.
- **Leveling brackets are used to level the case and should NOT be used to support the weight of the unit.
- The leveling brackets are riveted to the side of the case. Hardware used for leveling provided by others.



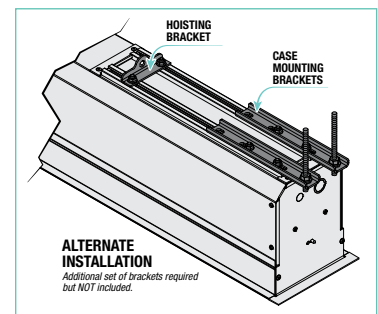
Mounting Brackets Dimensions



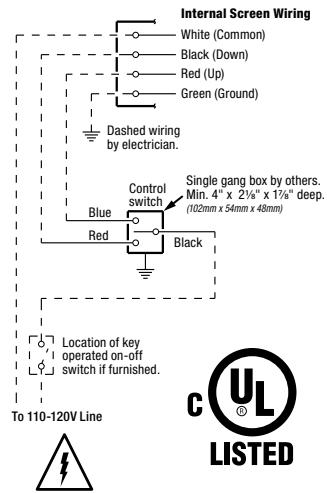
Installation Options



Please Note: Extra brackets must be ordered for alternate installation.

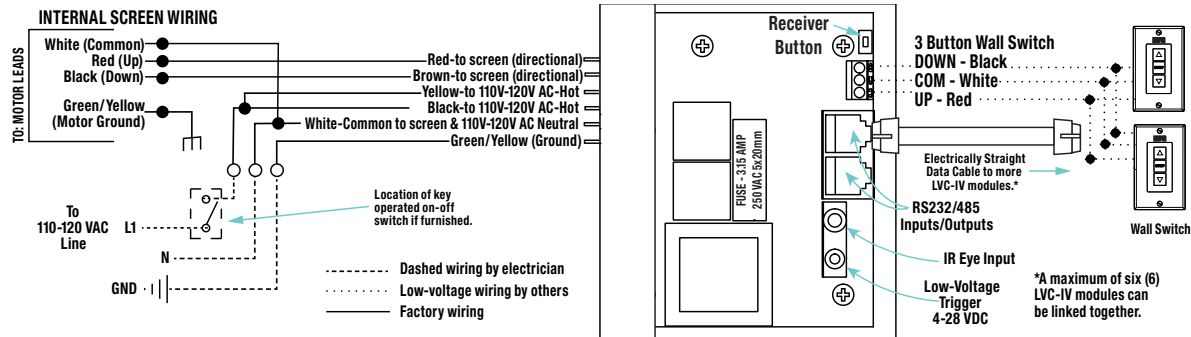


110-120V Motor Single Station Control



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

Low-Voltage, IR Remote, RF Remote, Serial or Network Control (LVC-IV)



² For more information and wiring diagrams for serial and network communication, please see wiring diagrams supplied with individual items.