

Premier

Electrically operated projection screen with motor-in-roller

SUBMITTAL TECHNICAL INFO

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

Specifications

_____(Qty.) Projection screens, size _____h. x _____w.,
Electrically operated, motorized, surface mounted, vertical roll up projection screen.

ELECTRIC OPERATOR: Tubular motor concealed inside screen roller tube.
Location: [Left hand: standard] [Right hand: As scheduled].

STANDARD MOTOR: Mounted inside screen roller on rubber isolation insulators. Motor UL certified, rated 110-120V AC, 60 Hz, 1.1 Amp current draw. Three wire, instantly reversible, lifetime lubricated with pre-set accessible limit switches.

QUIET MOTOR: Mounted inside screen roller on rubber isolation insulators. Motor operates at 44dB. UL certified, rated 110-120V AC, 60 Hz, three wire, instantly reversible, lifetime lubricated with pre-set accessible limit switches.

CASE: One-piece, 22-gauge steel with flat back design. Endcaps finished to match case, forming universal wall or ceiling hanging brackets. Case size 5 7/8" high x 5 1/4" deep (149mm high x 133mm deep).

FINISH: [Black (standard)] [White (optional)] scratch-resistant polyester finish.

ROLLER: 3" (76mm) dia. Metal roller, mounted on rubber insulated supports.

VIEWING SURFACE: Fire retardant and mildew resistant, with black masking borders. Each side of surface includes tab guide cable system to maintain even lateral tension and hold surface flat. Tabs are integrated into the cut of the screen material then electronically welded. Bottom of surface supported and masked by black, extruded aluminum dowel weighted to apply proper vertical tension. Top of surface masked by 12" (30cm) black drop. Matt White XT1000V and Grey XH600V viewing surfaces are certified to GREENGUARD Gold standards for low chemical emissions into indoor air during product usage. For more information, visit ul.com/gg.

CONTROL: 3-position control switch to stop or reverse screen at any point. Switch complete with cover plate. Other control options available.

MOUNTING: [Wall/Ceiling (standard)]. Attachment hardware provided by installer.

OPTIONAL EXTENSION BRACKETS: Plastic brackets provide 6" (152mm) clearance from wall. Finish: [white] [black].

OPTIONAL FLOATING MOUNTING BRACKETS: For use when stud location is not convenient for built-in mounting brackets. Brackets mount to wall studs or other support structure. Screen case mounts to brackets with secure floating bands.

Select Case Color

- ☐ Black (standard) ☐ White (optional)

Optional Accessories

- ☐ Mounting Brackets
☐ 6" (152mm) Extension Bracket
☐ Black ☐ White
☐ Floating Mounting Brackets (for wall & ceiling)
☐ Black ☐ White
- ☐ Additional Drop _____
(Beyond standard 12" (30cm))
- ☐ Total Drop _____
(Standard 12" (30cm) + Additional drop)
☐ Black (standard)
☐ Same color as viewing surface
(Total screen height cannot exceed 12' (3.7m);
extra drop increases length of case)
- ☐ Optional Ceiling Opening Trim Kit for Recessed Installations

Please Note: Draper® recommends 12" (30cm) extra drop when ordering Ceiling Opening Trim Kit. The Ceiling Opening Trim Kit is for use in an acoustical, drop ceiling only. Not recommended for drywall or hard ceilings.



OPTIONAL CEILING OPENING TRIM KIT: Trims opening when screen is to be recessed above the ceiling. Aluminum with white finish.

Please Note: Ceiling Opening Trim Kit is for use in an acoustical, drop ceiling only. Not recommended for drywall or hard ceilings.

DOWNLOADABLE 3-PART SPECIFICATIONS: www.draperinc.com/documents.aspx.

Entire unit certified by Underwriters' Laboratories, Inc. for the U.S. and Canada.

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

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

- ☐ I want the above  **TECVISION®** surface perforated.

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)
☐ Clearsound Nanoperf XT1000V (1.0 gain)
☐ Other



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PROJECT: _____

ARCHITECT: _____

CONTRACTOR: _____

SUPPLIER: _____

DATE: _____ REVISED: _____

Select Motors and Controls:

Standard Voltage Motor and Control Options:

- ☐ 110-120V AC (standard)
- ☐ Optional Quiet Motor¹
- ☐ Optional 220V motor
- ☐ Optional 220V Quiet Motor

Please Note: These motors come with one 110V-120V AC 3-position wall switch (silver wall plate with black rocker).

- ☐ Single Station Wall Switch (standard)
- ☐ Substitute white switch(es) for silver wall plate with black rocker
- ☐ Optional Key Operated Switch
 - ☐ Power Supply Key Switch (on-off)
 - ☐ 3-Position Key Control
 - ☐ 3-Position Switch with Hinged Key-Locking Coverplate

Please Note: Do not wire motors in parallel.

Please Note: Additional information about wiring is available on installation instructions for this product.

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 (standard) Number of switches: _____
- ☐ Radio Frequency Remote Control (only with 24V)
- ☐ Infrared Remote Control (only with 24V)
- ☐ Optional Key Operated Switch
 - ☐ Power Supply Key Switch (on-off)
 - ☐ 24 Volt 3-Button Switch with Hinged Key-Locking Coverplate Number of switches: _____

Dimensions & Data

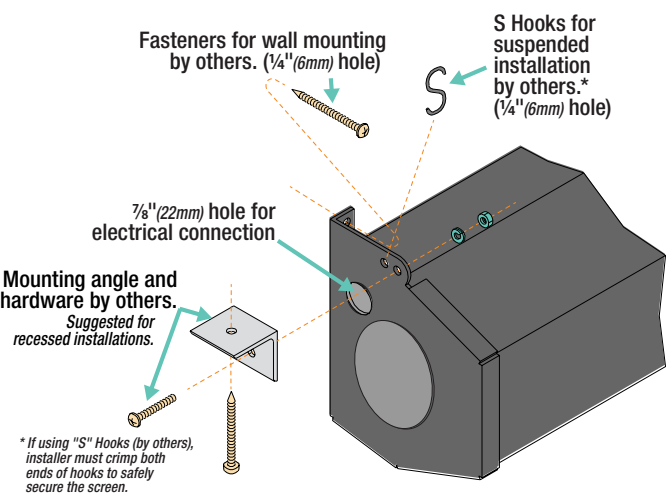
NOMINAL DIAGONAL	IMAGE AREA [HXW]	CASE LENGTH	DOWEL LENGTH	NET WT.	QTY
16:10 Format					
67" (170.2cm)	35¼" x 56½" (89.5cm x 143.6cm)	72½" (184.2cm)	66 ¾" (168.6cm)	34 lb (15.4kg)	
76" ³ (193cm)	40" x 64" (101.6cm x 162.6cm)	81" (205.7cm)	74 ¾" (190.2)	36 lb (16.3kg)	
85" (215.9cm) ³	45" x 72" (114.3cm x 182.9cm)	89" (226.1cm)	82 ¾" (210.5)	38 lb (17.2kg)	
94" (238.7cm) ³	50" x 80" (127cm x 203.2cm)	97" (246.4cm)	90 ¾" (230.8cm)	50 lb (22.7kg)	
109" (276.9cm) ³	57½" x 92" (146cm x 233.7cm)	110" (279.4cm)	103 ¾" (263.8cm)	58 lb (26.3kg)	
113" ³ (287cm)	60" x 96" (152.4cm x 243.8cm)	113 ¾" (289.2cm)	107 ¾" (273.7cm)	60 lb (27.2kg)	
123" (312.4cm)	65" x 104" (165.1cm x 264.2cm)	122" (310cm)	115 ¾" (294.3cm)	65 lb (29.5kg)	
137" (348cm)	72½" x 116" (184.2cm x 294.6cm)	135" (342.9cm)	128 ¾" (327.3cm)	75 lb (34kg)	
165" (419.1cm)	87½" x 140" (222.2cm x 355.6cm)	160½" (407.7cm)	154 ¾" (392.1cm)	80 lb (36.3kg)	
Custom Size					

NOMINAL DIAGONAL	IMAGE AREA [HXW]	CASE LENGTH	DOWEL LENGTH	NET WT.	QTY
16:9 HDTV Format					
65" (165.1cm)	31¾" x 56½" (80.6cm x 143.5cm)	72½" (184.2cm)	66 ¾" (168.6cm)	34 lb (15.4kg)	
73" (185.4cm) ³	36" x 64" (91.4cm x 162.6cm)	80" (203.2cm)	80" (187.6cm)	36 lb (16.3kg)	
82" (208.3cm) ³	40½" x 72" (102.9cm x 182.9cm)	89" (226.1cm)	82 ¾" (210.5)	38 lb (17.2kg)	
92" (233.7cm) ³	45" x 80" (114.3cm x 203.2cm)	97½" (247.7cm)	90 ¾" (230.8cm)	50 lb (22.7kg)	
100" (254cm) ³	49" x 87" (124.5cm x 221cm)	104" (264.2cm)	97 ¾" (248.6cm)	57 (25.9kg)	
106" (269.2cm) ³	52" x 92" (132.1cm x 233.7cm)	110" (279.4cm)	102 ¾" (261.3cm)	58 lb (26.3kg)	
110" (279.4cm) ³	54" x 96" (137.2cm x 243.8cm)	114" (289.6cm)	107 ¾" (274cm)	60 lb (27.2kg)	
119" (302.3cm)	58" x 104" (147.3cm x 264.2cm)	122" (310cm)	115 ¾" (294.3cm)	65 lb (29.5kg)	
133" (337.8cm)	65" x 116" (165.1cm x 294.6cm)	135" (342.9cm)	127 ¾" (324.8cm)	75 lb (34kg)	
161" (408.9cm)	79" x 140" (200.7cm x 355.6cm)	160¼" (407cm)	152 ¾" (388.3cm)	80 lb (36.3kg)	
Custom Size					

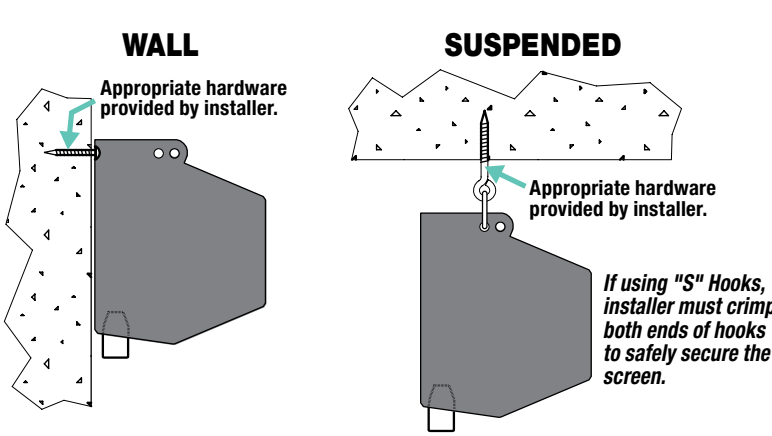
SIZE [H X W]	CASE LENGTH	DOWEL LENGTH	NET WT.	QTY
AV Format				
50" x 50" (127cm x 127cm)	68" (172.72cm)	60 ¾" (154.6cm)	30 lb (59kg)	
60" x 60" (152.4cm x 152.4cm)	78¾" (200cm)	71 ¾" (182.6cm)	35 lb (15.9kg)	
70" x 70" (177.8cm x 177.8cm)	89" (226.1cm)	82 ¾" (210.5cm)	40 lb (18.7kg)	
84" x 84" (213.4cm x 213.4cm)	104¾" (264.8cm)	96 ¾" (246.1cm)	50 lb (22.7kg)	
72" x 96" (182.9cm x 243.8cm)	115" (292.1cm)	108 ¾" (276.5cm)	55 lb (24.9kg)	
96" x 96" (243.8cm x 243.8cm)	117¾" (229.1cm)	110 ¾" (280.4cm)	60 lb (27.2kg)	
7" x 9" (213.4cm x 274.3cm)	128¼" (325.8cm)	120 ¾" (307cm)	70 lb (31.8kg)	
9" x 9" (274.3cm x 274.3cm)	129¾" (329.6cm)	122 ¾" (312.1cm)	75 lb (34kg)	
8" x 10" (243.8cm x 304.8cm)	141¾" (360cm)	134 ¾" (341.3cm)	80 lb (36.3kg)	
10' x 10' (304.8cm x 304.8cm)	143½" (364.5cm)	136 ¾" (347cm)	85 lb (38.6kg)	
9' x 12' (274.3cm x 365.8cm)	165¾" (421cm)	158 ¾" (403.5cm)	90 lb (40.8kg)	
12' x 12' (365.8cm x 365.8cm)	171½" (435.6cm)	162 ¾" (412.4cm)	100 lb (kg)	
Custom Size				

³ These sizes include 12" (30cm) black drop as standard. Premier screens are available in larger sizes. See PremierXL submittal form.

Methods of Installation

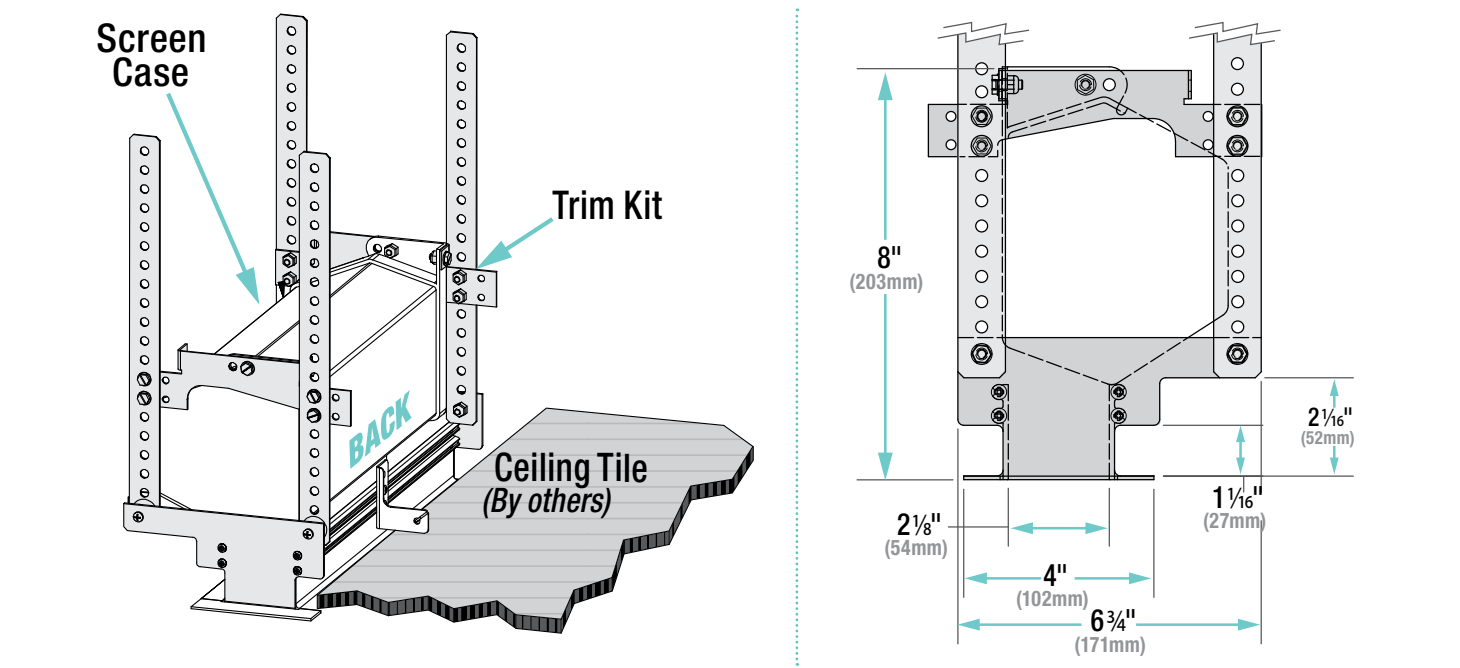


Types of Installation

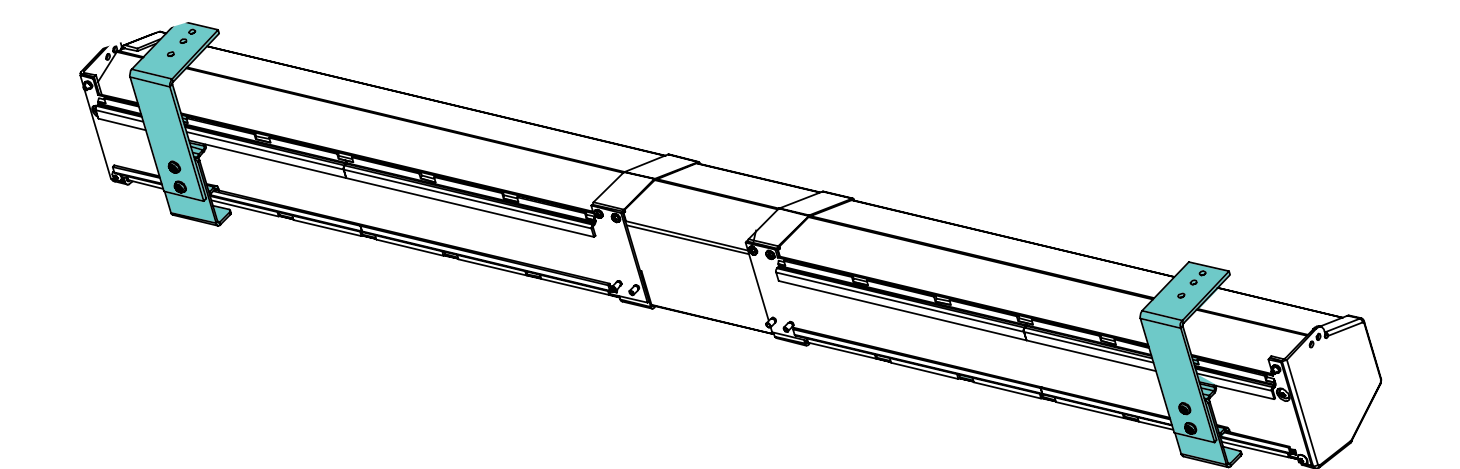


Please Note: If using "S" Hooks, installer must crimp both ends of the “S” hooks to safely secure the screen.

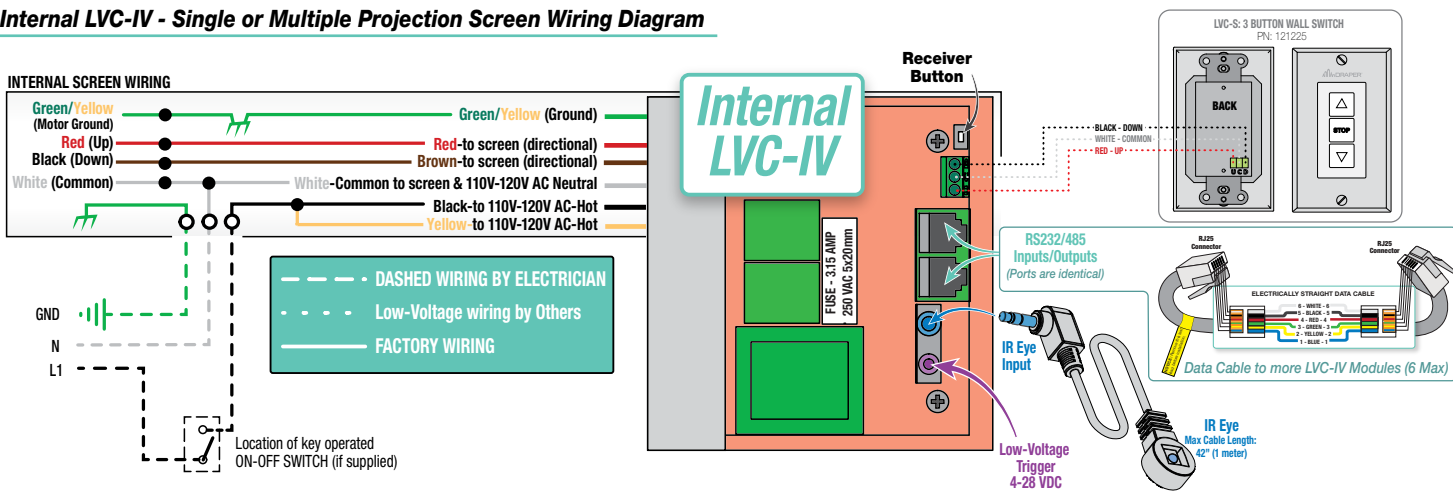
Optional Ceiling Opening Trim Kit



Optional Floating Mounting Bracket



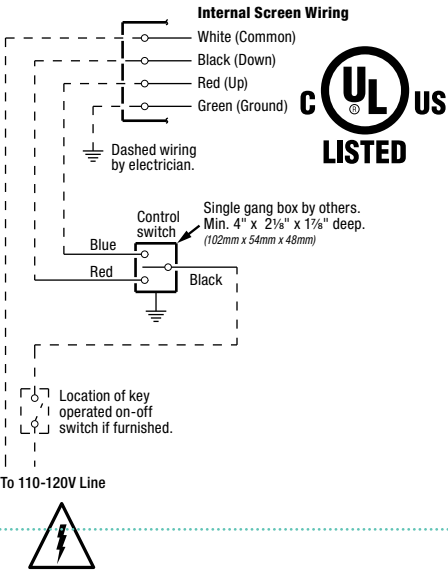
Internal LVC-IV - Single or Multiple Projection Screen Wiring Diagram



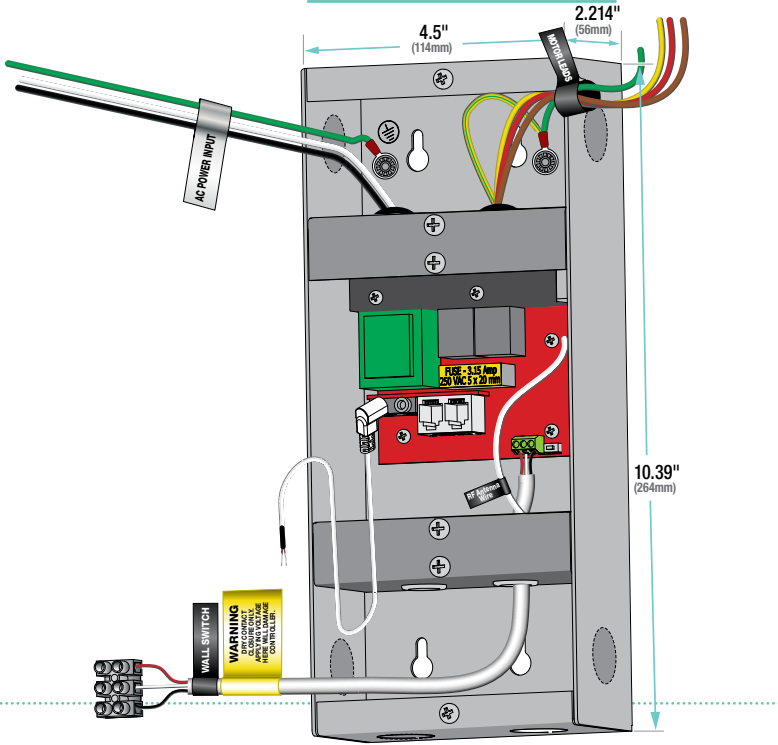
Wiring Diagrams: Standard and Quiet Motor

Please Note: Do not wire motors in parallel.

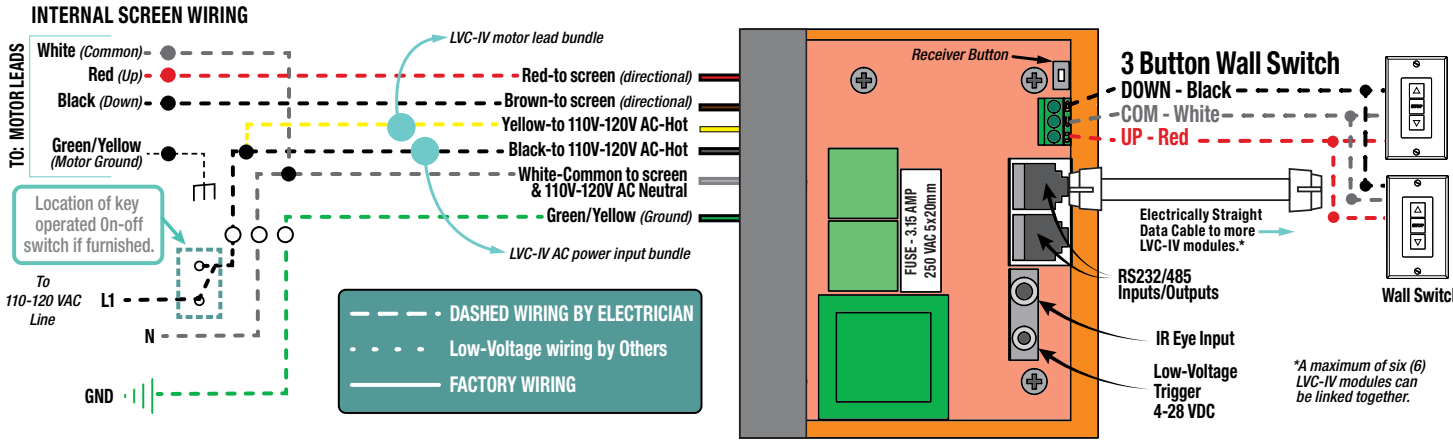
110-120V MOTOR
STANDARD
Single Station Control



External LVC-IV Junction Box



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



PLEASE NOTE: Internal LVC-IV will increase overall case length by 1 13/16" (46mm).

