



In-Ceiling Front Projection Screen

Evanesce Tension Series

User's Guide



Important Safety and Warning Precautions

Be sure to read this user guide before use and follow the procedures below.

- Please retain this manual for future reference.
- To avoid any damage, do not use in conjunction with any accessories not recommended by the manufacturer. Handle the device carefully during transportation to avoid damage.
- To ensure safe and reliable operation, direct connection to a properly grounded power source is advised.
- The power outlet supplying power to the unit should be close to the unit and easily accessible.
- Do not install the device on uneven or inclined surfaces.
- Do not put heavy objects on the power cord and position it properly to avoid creating a trip obstacle.
- Never overload the power cord to prevent an electric shock or fire.
- Guard the device from any liquid or foreign objects to avoid electrical shock or fire due to loose contact or short circuit.
- There are no user serviceable parts in the device. Do not attempt to disassemble this device by yourself. No one except authorized technicians can open this device to make repairs.
- Make sure the power source this device is connected to has a continuous power flow.
- If there is a need to use an extension cord, make sure the cord has the same equal rating as the appliance to avoid overheating.
- Do not handle the power plug when your hands are wet or your feet are in contact with water.

2. Do not use this device under the following circumstances:

- Disconnect the power cord under the conditions of heavy rain, wind, thunder or lightning.
- Avoid direct sunshine, rain shower or moisture.
- Keep away from fire sources and high temperature to prevent this device from overheating.
- Cut off the power supply first before transportation or maintenance.
- Fully disconnect from the power supply when screen is not in use for a long period of time, as should be done with any other electric household appliance.

To avoid possible injury and/or an electric shock, do not attempt to use the screen if there is obvious damage or if there are any evident broken parts

Warning

The screen's **Top Black Drop** is already set to its maximum drop distance. There is **NO** extra black top drop in the roller. Please be aware of this as it will void the limitation of your warranty.

Changes or modifications (except cutting the power cord for hardwire installation) to this unit not expressly approved by Elite Screens is prohibited and will void the warranty.

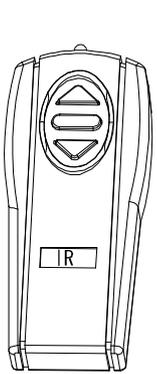
NOTE:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

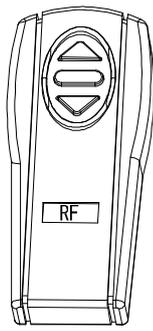
However, there is no guarantee that interference will not occur in a particular installation. If this equipment does harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures.

- ✓ Reorient or relocate the receiving antenna of the device which may be causing interference
- ✓ Increase the separation between the screen and the device's receiver
- ✓ Connect the equipment into a different power outlet than the device's
- ✓ Consult the dealer or an experienced Radio/TV technician for help

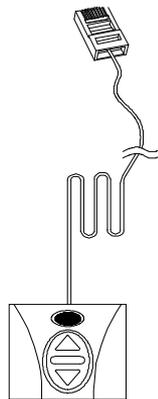
Evanesce Tension Accesories



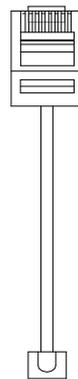
A. IR Remote



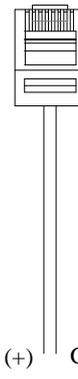
B. RF Remote



C. 3-way switch

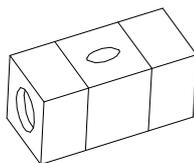


C. IR "eye" receiver

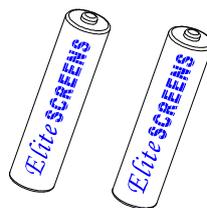


Red 12V (+) Green 0V (-)

D. 5-12 volt trigger adaptor cable



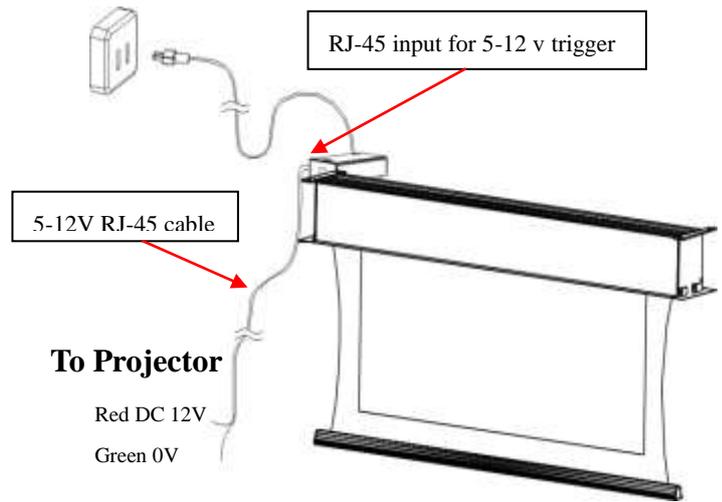
F. Bubble level



G. AAA Batteries

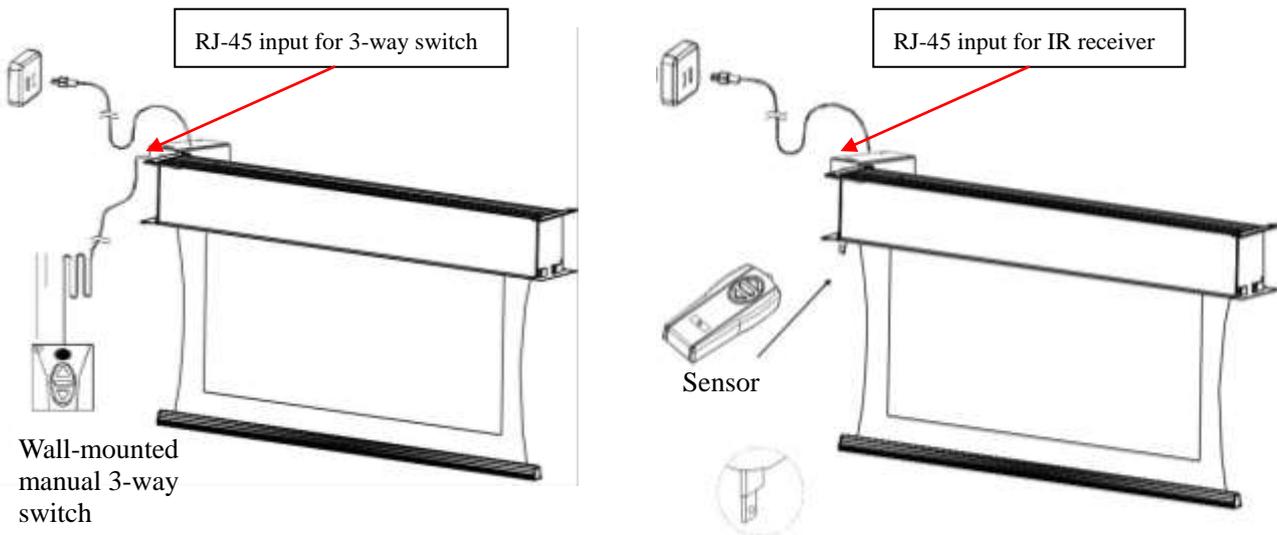
Control System

1. 5-12V Trigger: The built-in 5-12V trigger input for your new Evanesce Tension allows your screen to synchronize its drop and rise with the projector's power cycle. The screen drops when the projector powers up and retracts when the projector powers down. The 5-12 volt adaptor connects to your projectors trigger output via a separate cable that may or may not be provided by the projector manufacture. The trigger feature will not work without an output cable from the projector, but it can be tested using a 9-volt battery by simply connecting the Red (+) and Green (-) cable to the 9-volt battery.

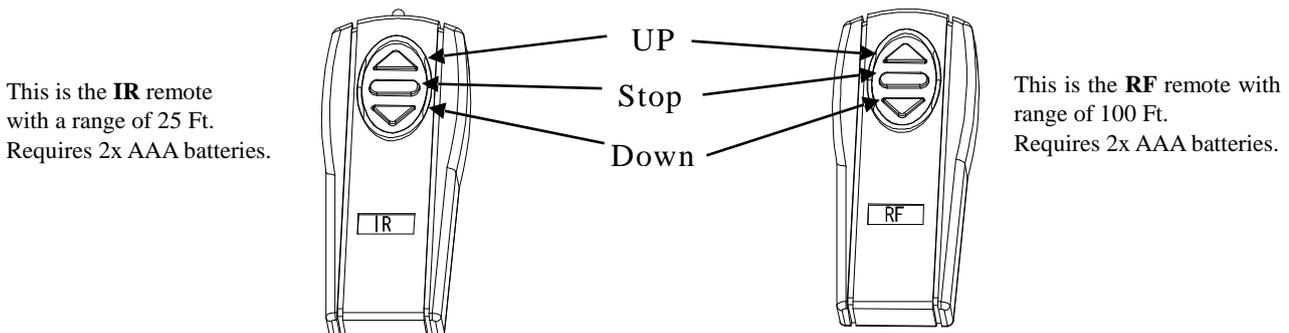


2. 3-way switch and IR (Infrared) Eye Receiver: The 3-way Wall Box switch enables the consumer to manually operate the screen's drop/rise capabilities. The IR "eye" protrudes from the bottom of the casing to present a low profile line-of-sight control option for your IR remote. It is a low-visibility alternative to using the 3-wall switch and its ability to protrude from the bottom of the screen allows line-of-sight control even in a recessed ceiling installation.

Both accessories require connection to the RJ-45 port and can only be used one at a time.



3. Infrared (IR) and Radio Frequency (RF) Remote Controls: Although the IR remote requires a direct line of sight with the IR sensor to function, the screen's case can be hidden from sight and operated using the RF remote. When depressing the directional buttons you should hear a faint click signifying that the mechanism is working properly.

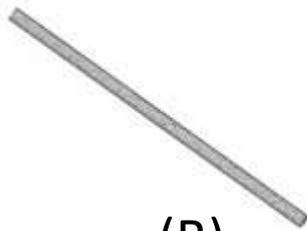


** Please remember to always point to the wall switch receiver when using the IR remote. The IR remote can also work with a Universal Learning Remote Control usually by programming the Screens IR codes into your Universal Learning Remote.

Parts List



(A)



(B)



(C)



(D)



(E)



(F)



(G)



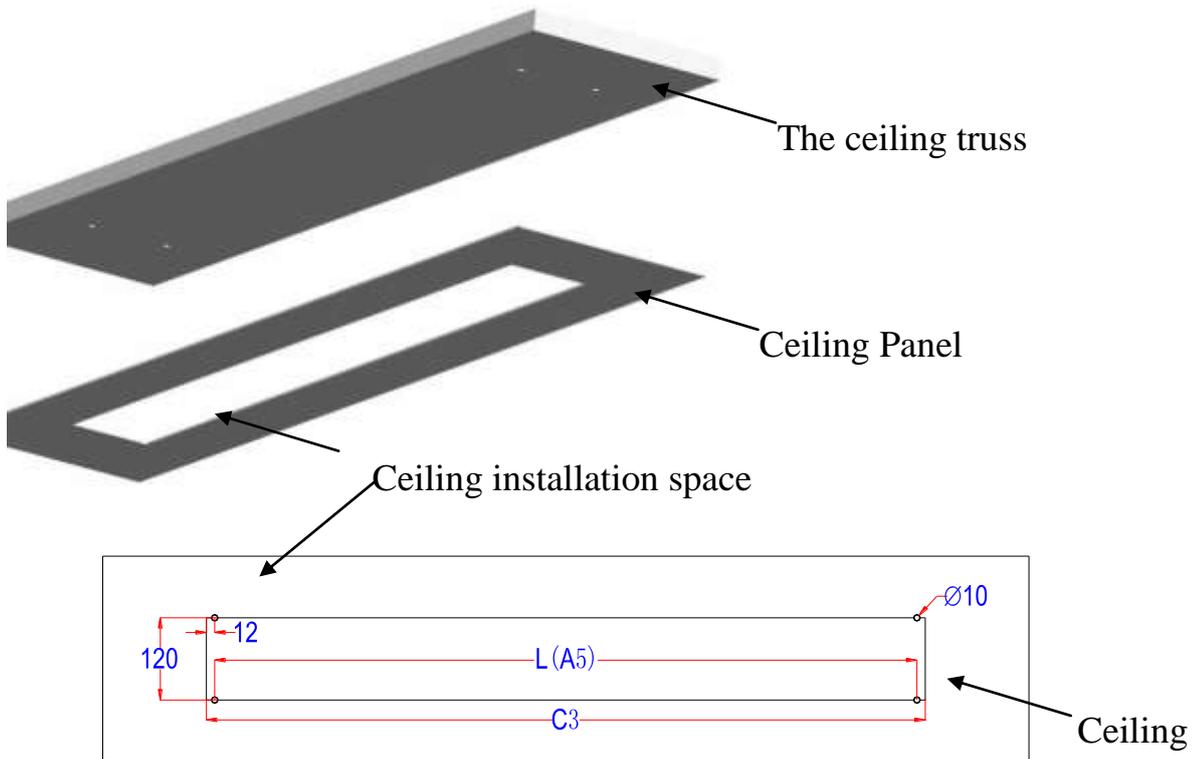
(H)

Parts	Qty
A. M8 Top Expanding Bolt	4
B. M8 Threaded Rod	4
C. M8 Screw Nut	20
D. M8 Hexagonal Screw	4
E. M8 Screw Washer	28
F. Installation Bracket	2
G. Socket Wrench	1
H. White Cover Panel	2

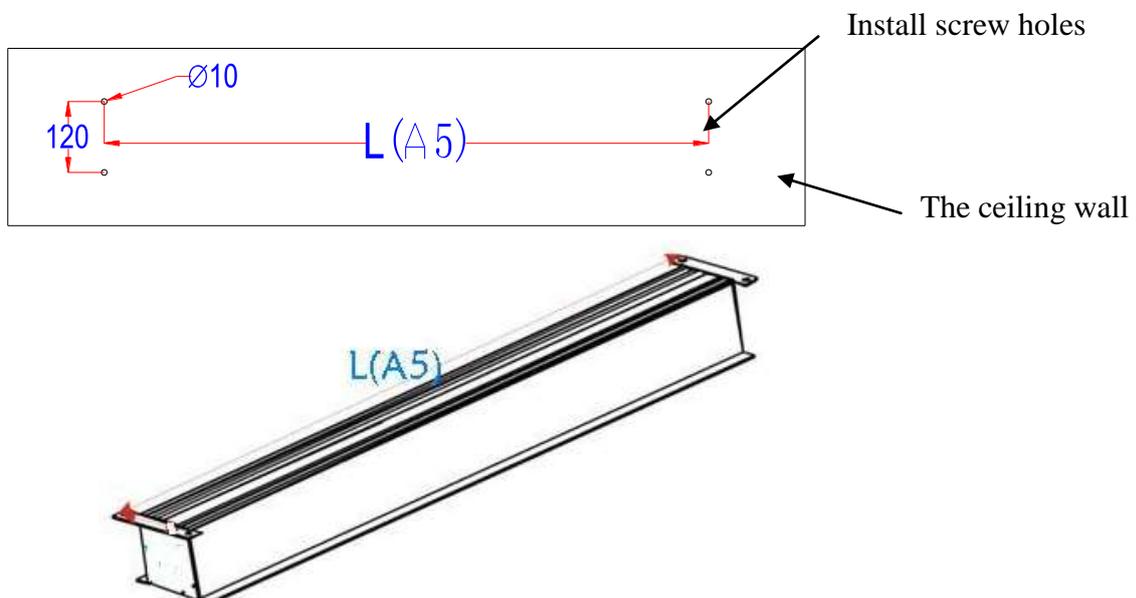
Installation:

1. Measure and cut the ceiling installation space. The width should not exceed 120mm. Please refer to the length on the screen size table (C3).

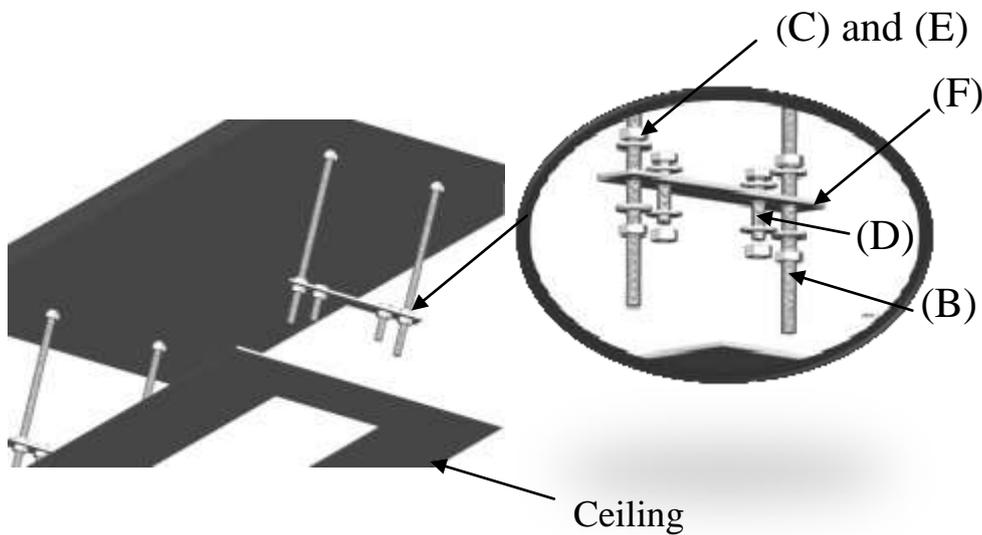
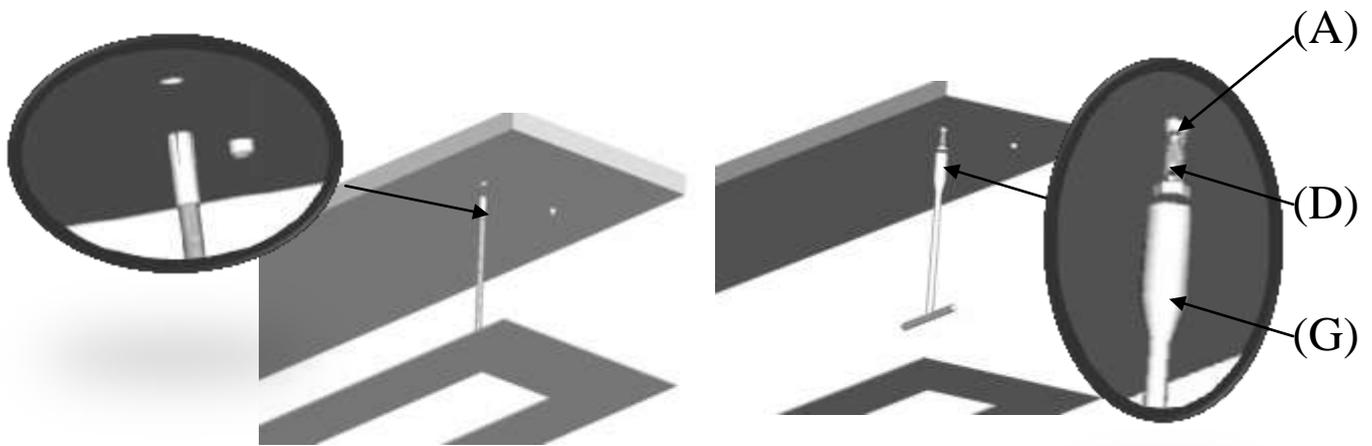
Note: The length of the installation space is not greater than the screen size table (C3), and the width is not less than the screen size table (A5). Consult the table below (C1) in regards to accommodating the screen casing.



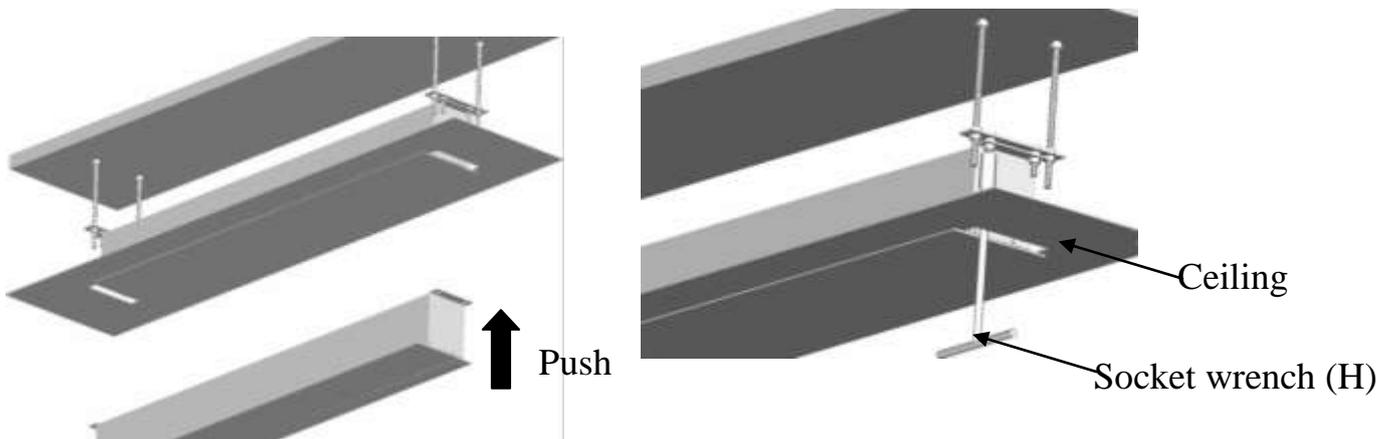
2. Drill 4 holes in the ceiling that correspond with the attachments on the various casing sizes.



3. The expanding bolts (A) mount into thick wood beams, stone or concrete and will support the screen. Use the Socket wrench (G) to attach the hexagonal screws (D). The expanding bolts should be firmly tightened and tested to make sure that they will hold the weight of the screen.



5. Push the screen up into the space. Use the threaded rods (B) to attach the screen assembly to the ceiling. The hexagonal screws (D) will connect the screen to the rest of the assembly. Once firmly in place, use the nuts (C) to ensure a firm connection. Use the socket wrench (H) to make sure that the bolts are firmly tightened.

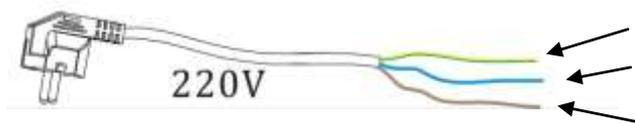


6. Install plastic cover panel (I) to complete the installation.



Power Cable

The Evanesce Tension series screen includes a power cord for using in a non-concealed power outlet. If your installation however will be entirely concealed including the **power outlet**, we strongly recommend a hardwire connection. Please refer to the diagram below for wiring information for both 110v and 220v variants.



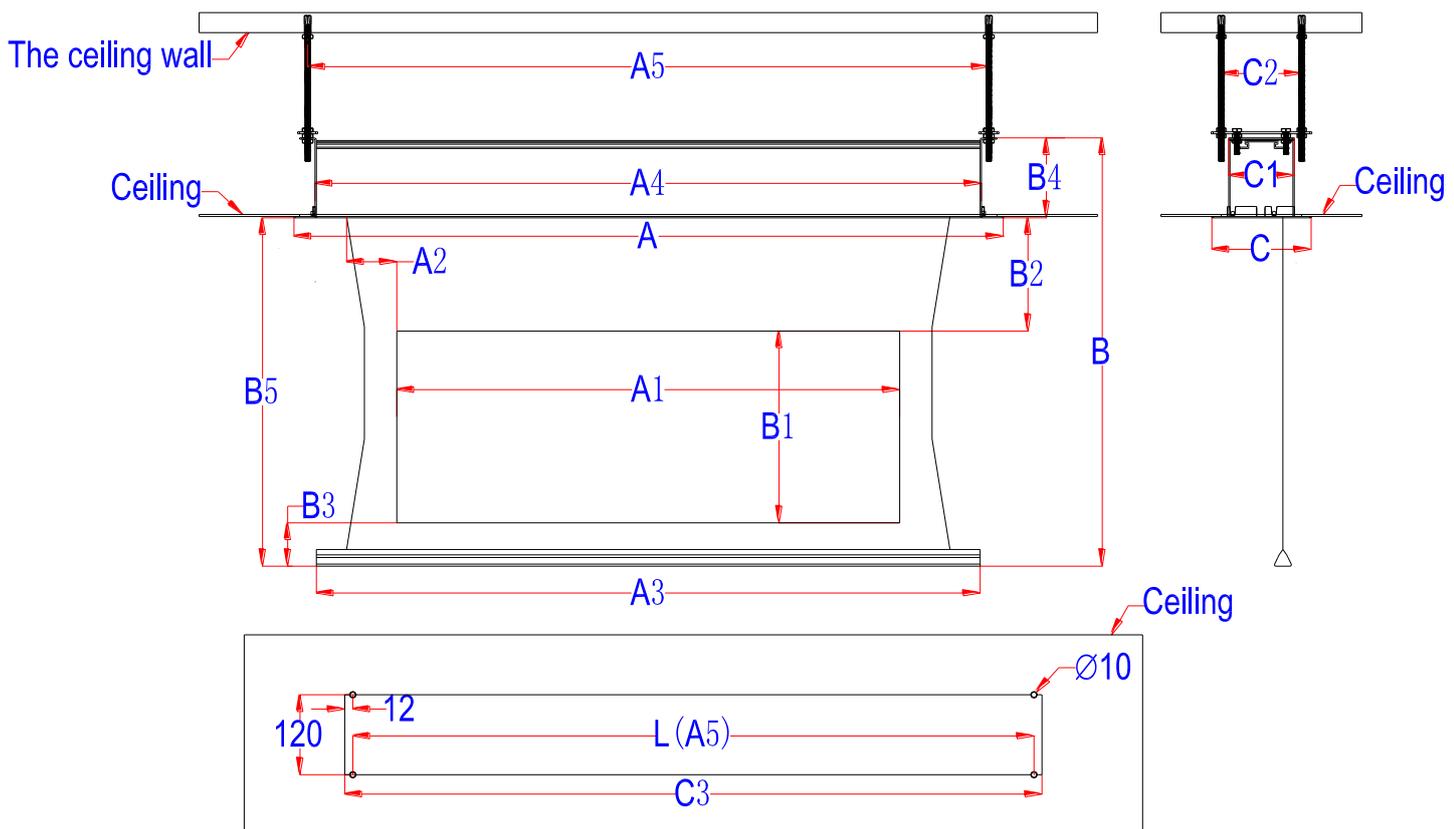
Yellow/Green
(Ground)
Blue (Common)
Gray (Hot)

Screen size table

Unit:mm

Model	Diagonal Size / Aspect Ratio	Overall Length (A)	Housing Length (A4)	A5	L/R black masking (A2)	View Width (A1)	Weight Bar Length (A3)	B3	View Height (B1)	B2	B4	B5	B	C	C1	C2
ITE84VW2-E30	84"(4:3)	2082	2022	2047	95	1706	2012	100	1280	762	118	2142	2260	148	98	68
ITE100VW2-E20	100"(4:3)	2407	2347	2372	95	2032	2337	100	1524	508	118	2132	2250	148	98	68
ITE120VW2-E10	120"(4:3)	2830	2770	2795	95	2438	2760	100	1828	254	118	2182	2300	148	98	68
ITE84HW2-E30	84"(16:9)	2235	2175	2200	95	1860	2165	100	1046	762	118	1908	2026	148	98	68
ITE92HW2-E24	92"(16:9)	2407	2347	2372	95	2037	2337	100	1146	610	118	1856	1974	148	98	68
ITE100HW2-E24	100"(16:9)	2590	2530	2555	95	2214	2520	100	1245	610	118	1955	2073	148	98	68
ITE106HW2-E24	106"(16:9)	2720	2660	2685	95	2347	2650	100	1320	610	118	2030	2148	148	98	68
ITE120HW2-E20	120"(16:9)	3032	2972	2997	95	2657	2962	100	1494	508	118	2102	2220	148	98	68
ITE135HW2-E12	135"(16:9)	3370	3310	3335	95	2989	3300	100	1681	305	118	2086	2204	148	98	68
ITE94XW2-E30	94"(16:10)	2407	2347	2372	95	2025	2337	100	1265	762	118	2127	2245	148	98	68
ITE108XW2-E24	108"(16:10)	2720	2660	2685	95	2326	2650	100	1454	610	118	2164	2282	148	98	68
ITE114XW2-E20	114"(16:10)	2830	2770	2795	95	2455	2760	100	1534	508	118	2142	2260	148	98	68
ITE126XW2-E14	126"(16:10)	3090	3030	3055	95	2714	3020	100	1696	356	118	2152	2270	148	98	68
ITE139XW2-E8	139"(16:10)	3370	3310	3335	95	2994	3300	100	1871	203	118	2174	2292	148	98	68
ITE95C-E30	95"(2.35:1)	2590	2530	2555	95	2220	2520	100	945	762	118	1807	1925	148	98	68
ITE116C-E24	116"(2.35:1)	3090	3030	3055	95	2710	3020	100	1153	610	118	1863	1981	148	98	68
ITE128C-E24	128"(2.35:1)	3370	3310	3335	95	2991	3300	100	1272	610	118	1982	2100	148	98	68
ITE138C-E24	138"(2.35:1)	3600	3540	3565	95	3225	3530	100	1372	610	118	2082	2200	148	98	68

*Measurement dimensions are intended as a reference only and subject to change without notice. Note: Data Error may be ± 1 "



FAQ'S

1. Q: What are the differences between the IR and RF remotes?

A: An IR (Infra-Red) remote is designed for short distance use, like your typical television remote. IR requires direct aim at the IR receiver inside your 3-way wall box. RF remote control is designed for long distance use. The RF code is unique only work to your 3-way wall switch that also came with you screen. If the RF remote control is lost or destroyed, the entire 3-way wall switch will need to be replaced in order to continue having RF control.

2. Q: How is the screen material cleaned?

A: The screen material can be cleaned with mild soap and water only. Do not use cleaning substances, chemicals, or abrasives as will damage the screen material.

3. Q: What type of batteries do the remote controls use?

A: The IR and RF remote controls use AAA alkaline batteries.

4. Q: Can you manually pull down this electric screen?

A: Absolutely not, manually pulling down the screen will damage the electronic motor rolling system.

5. Q: What is the recommended distance my first row of viewers should be at?

A: The recommended minimum distance should equal the diagonal width of your screen viewing surface. However, this may vary depending on the projector type and lighting environment.

6 Q : How high should I hang the projector screen?

A: The recommend lowest level of the projector screen should at an eye level of the first row seat.