



2016 Starling Tab-Tension 2 Series Product Brochure

High quality tab-tensioned front projection motorized screen. It has an elegant arcuate shaped aluminum housing that allows floating baskets to attach to the back for a quick easy installation. The Starling Tab-Tension 2 is the ideal projection screen for professional applications with an improved motor speed.



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Screen Material:

- Spectra White FG (fiberglass backed) matte white surface
- 1.1 Gain with 180° viewing angle
- Active 3D and 4K Ultra HD Ready
- Standard black masking borders and black backing
- Diagonal sizes include 100", 120", 135", and 150" in 16:9 HDTV format
- Extra top black masking border for high ceiling installation
- Flame Retardant: Complies with NFPA 701 Standards

Control System:

- Internal Radio Frequency/Infrared receivers with IR, RF remotes included
- Infrared IR "eye" extension sensor - ideal for concealed installation but still require infrared control
- 12 volt trigger capable for synchronized screen operation with the projector's power cycle
- Manual control UP/DOWN buttons on exterior of case
- Smooth and quiet operation
- RS-232 capable for serial communication

Design and Installation:

- Elegant arcuate shaped case in white or black finish
- Floating brackets allow easy wood stud alignment for a wall or ceiling installation
- Mounting hardware kit included
- Wall mountable remote control cradle included
- Plug & Play ready, no hardwire installation required

Quality and Reliability

- Tubular motor allows swift operation with a superior weight tolerance and operational lifespan
- Low power consumption
- 2-year warranty from defects in workmanship
- 3rd year warranty offered through ENR-G program (Education, Non-Profit, Religious, and Government/Military)

Starling Tab-Tension 2 Series

Model	Screen Diag. & Aspect Ratio	View Height (in)	View Width (in)	View Height (cm)	View Width (cm)	N.W. (lbs.)	G.W. (lbs.)	N.W. (kgs)	G.W. (Kgs)	Packaging Dimensions (LxHxW)	Gain	Screen Material	Case Color
STT100UWH2-E24	100*(16:9)	49.0	87.2	124.5	221.4	46.3	65.3	21.0	29.6	112"x8.9"x7.7"	1.1	Spectra White FG	Black
STT100XWH2-E24	100*(16:9)	49.0	87.2	124.5	221.4	46.3	65.3	21.0	29.6	112"x8.9"x7.7"	1.1	Spectra White FG	White
STT120UWH2-E14	120*(16:9)	58.8	104.5	149.4	265.7	52.9	74.5	24.0	33.8	129.1"x8.9"x7.7"	1.1	Spectra White FG	Black
STT120XWH2-E14	120*(16:9)	58.8	104.5	148.6	265.7	52.9	74.5	24.0	33.8	129.1"x8.9"x7.7"	1.1	Spectra White FG	White
STT135UWH2-E6	135*(16:9)	66.2	117.7	168.1	298.9	58.2	81.6	26.3	37.0	143"x8.9"x7.7"	1.1	Spectra White FG	Black
STT135XWH2-E6	135*(16:9)	66.2	117.7	168.1	299.0	58.2	81.6	26.3	37.0	143"x8.9"x7.7"	1.1	Spectra White FG	White
STT150UWH2-E6	150*(16:9)	73.6	130.7	186.9	332.0	67.5	92.6	30.6	42.0	155"x8.9"x7.7"	1.1	Spectra White FG	Black
STT150XWH2-E6	150*(16:9)	73.6	130.7	186.9	332.0	67.5	92.6	30.6	42.0	155"x8.9"x7.7"	1.1	Spectra White FG	White

Starling Tab-Tension 2 Series Dimensions Table

Model Number	Screen Diag. & Aspect Ratio	Case Length (A)	Bracket Distance (A1)	Screen Width (A2)	Viewable Width (A3)	Weight Bar (A4)	Overall Height (B)	Screen Height (B1)	Viewable Height (B2)	Bottom Border (B3)	Top Black Border (B4)	Top Black Border (B4)
STT100UWH2-E24	100*(16:9)	103.9	72.4	94.1	87.2	96.3	81.4	75.1	49.0	2.3	23.8	24.0
STT100XWH2-E24	100*(16:9)	103.9	72.4	94.1	87.2	96.3	81.4	75.1	49.0	2.3	23.8	24.0
STT120UWH2-E14	120*(16:9)	121.3	89.8	111.4	104.5	113.6	81.2	74.9	58.9	2.3	13.8	14.0
STT120XWH2-E14	120*(16:9)	121.3	89.8	111.4	104.5	113.6	81.2	74.9	58.9	2.3	13.8	14.0
STT135UWH2-E6	135*(16:9)	134.4	95.1	124.6	117.7	126.8	80.6	74.3	66.1	2.3	5.9	6.0
STT135XWH2-E6	135*(16:9)	134.4	95.1	124.6	117.7	126.8	80.6	74.3	66.1	2.3	5.9	6.0
STT150UWH2-E6	150*(16:9)	147.4	100.2	137.6	130.7	139.8	88.1	81.8	73.6	2.3	5.9	6.0
STT150XWH2-E6	150*(16:9)	147.4	100.2	137.6	130.7	139.8	88.1	81.8	73.6	2.3	5.9	6.0

Unit: mm

Model Number	Screen Diag. & Aspect Ratio	Case Length (A)	Bracket Distance (A1)	Screen Width (A2)	Viewable Width (A3)	Weight Bar (A4)	Overall Height (B)	Screen Height (B1)	Viewable Height (B2)	Bottom Border (B3)	Top Black Border (B4)	Top Black Border (B4)
STT100UWH2-E24	100*(16:9)	2640	1840	2389	2215	2445	2068	1908	1245	58	605	605
STT100XWH2-E24	100*(16:9)	2640	1840	2389	2215	2445	2068	1908	1245	58	605	605
STT120UWH2-E14	120*(16:9)	3080	2280	2829	2655	2885	2063	1903	1495	58	350	350
STT120XWH2-E14	120*(16:9)	3080	2280	2829	2655	2885	2063	1903	1495	58	350	350
STT135UWH2-E6	135*(16:9)	3415	2415	3164	2990	3220	2048	1888	1680	58	150	150
STT135XWH2-E6	135*(16:9)	3415	2415	3164	2990	3220	2048	1888	1680	58	150	150
STT150UWH2-E6	150*(16:9)	3745	2545	3494	3320	3550	2238	2078	1870	58	150	150
STT150XWH2-E6	150*(16:9)	3745	2545	3494	3320	3550	2238	2078	1870	58	150	150

Unit: inch

Note: Data Error ±1". The listed measurements are for general reference only. Please contact Elite Screens to verify product design and dimensions before attempting to integrate its products with any structural or furniture modification. Although a manufacturer may offer product advice, it may be taken or disregarded at the integrator's discretion. Elite Screens will not be held responsible or be otherwise liable for faulty installations.

