Screens
2014 Range

Ultimate **Big Screen** Experience

Introducing Optoma Screens

Optoma offer you an extremely wide range of high quality front projection screens, suitable for almost any situation. From small meeting rooms to large conference theatres and for the most demanding of home cinema applications, Optoma has a screen for you.

All Optoma screens are built to a high standard and are rigorously checked and tested throughout the production process to ensure the highest possible build quality and finish.

Our unrivalled understanding of both the market place and emerging technologies has allowed us to use our expertise to further expand our product offering to cater for every requirement, whilst still delivering great value.

The screens are available in several styles including wall/ceiling mountable, manual pull-down and electric with In-Site I/R, and portable lift all in Matte White 1.0 gain.

The outside surface of our matte white screen incorporate PVC microdot technology to create the best possible surface reflection, whilst new advances in screen construction help keep our matte white screens flat and retain its shape and effectiveness over longer periods of time.

Optoma screens are available in a wide range of sizes and styles that will fit any home and lifestyle. The fabrics are designed to be fire, water, and mold resistant and are can be wiped clean, making them the ideal partner for your projector.

Manual pull down

4:3 Screen Range

Model Name	DS-3084PWC	DS-3100PMG+	DS-3120PMG+
Format	4:3	4:3	4:3
Gain	1	1	1
Screen Material	Matte White	Matte White	Matte White
Viewing Size (W x H) (mm)	1710 x 1280	2030 x 1520	2340 x 1755
Diagonal Viewing (Inch)	84	100	120
Black Border R & L (mm)	40	50	47
Black Border Bottom (mm)	35	60	45
Black Border Top (mm)	80	80	80
Weight (Net) (Kgs)	8.96	11.13	13.6
Case Dimensions (W x D x H) (mm)	1910 x 112 x 86 (including brackets)	2250 x 112 x 86 (including brackets)	2554 x 112 x 86 (including brackets)

16:9 Screen Range

Model Name	DS-9084PMG+	DS-9092PWC
Format	16:9	16:9
Gain	1	1
Screen Material	Matte White	Matte White
Viewing Size (W x H) (mm)	1860 x 1045	2030 x 1145
Diagonal Viewing (Inch)	84	92
Black Border R & L (mm)	50	50
Black Border Bottom (mm)	35	60
Black Border Top (mm)	300	300
Weight (Net) (Kgs)	9.92	11.3
Case Dimensions (W x D x H) (mm)	2080 x 112 x 86 (including brackets)	2250 x 112 x 86 (including brackets)

16:10 Screen Range

Model Name	DS-1095PMG+	DS-1109PMG+	DS-1123PMG+
Format	16:10	16:10	16:10
Gain	1	1	1
Screen Material	Matte White	Matte White	Matte White
Viewing Size (W x H) (mm)	2030 x 1269	2340 x 1463	2656 x 1660
Diagonal Viewing (Inch)	95	109	123
Black Border R & L (mm)	50	47	50
Black Border Bottom (mm)	60	40	40
Black Border Top (mm)	300	300	300
Weight (Net) (Kgs)	11.3	13.38	20
Case Dimensions (W x D x H) (mm)	2250 x 112 x 86	2554 x 112 x 86	2920 x 118 x 132

The best products can only be made with the best materials and the highest grade of screen fabrics. Optoma uses the most professionally made screen fabrics to reflect the truest, most vivid and dynamic images.

PMG+ projection screens are popular because they are inexpensive and easy to operate. Optoma Manual Screens offer several outstanding features.

Controlled Screen Return

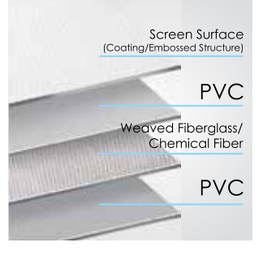
Optoma PMG+ Manual Screens feature Speed Reduction-Retraction. Simply pull down lightly to release the locking mechanism, let go and the screen will slowly return to the casing.

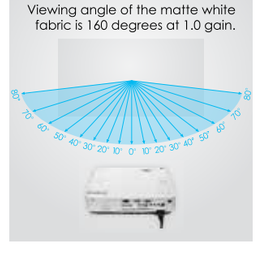
Selflock

Pull down the screen and hold for 3 seconds, then release. The screen will stay at the desired position.

Optoma's matte white fabric is composed of 4 different layers, including a sheet of weaved fibre-glass which helps stop static electricity and most importantly prevent wrinkles and waves. The screen fabric consists of a special material that helps prevent the loss of light, making it compatible with virtually every projector.

The fabrics are designed to be fire, water, and mold resistant and can be cleaned if required. The outside surface of the matte white screen has microdots that are made with PVC technology. This surface helps with creating the best possible reflection, whilst new advances in screen technology help keep our matte white screen flat and retain its shape and effectiveness over longer periods of time.





Electric

4:3 Screen Range

Model Name	DE-3072EGA	DE-3100EGA	DE-3120EGA
Format	4:3	4:3	4:3
Gain	1	1	1
Screen Material	Glass-Fibre, Matte White	Glass-Fibre, Matte White	Glass-Fibre, Matte White
Viewing Size (W x H) (mm)	1460 x 1100	2030 x 1520	2400 x 1800
Diagonal Viewing (Inch)	72	100	120
Black Border R & L (mm)	30	50	50
Black Border Bottom (mm)	55	55	55
Black Border Top (mm)	80	80	80
Weight (Net) (Kgs)	9.2	12.5	14.8
Case Dimensions (W x D x H) (mm)	1670 x 108 x 113 (including brackets)	2280 x108 x 113 (including brackets)	2650 x108 x 113 (including brackets)

16:9 Screen Range

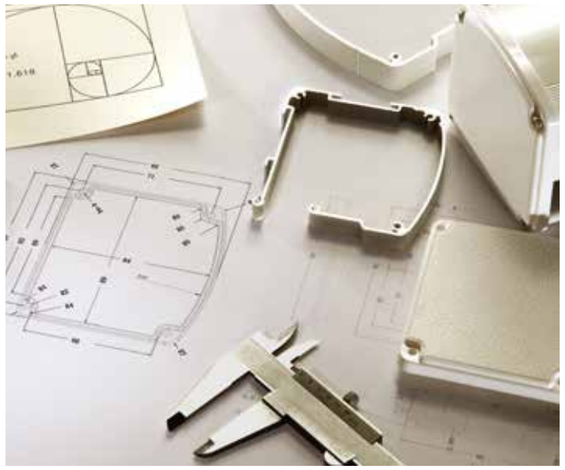
Model Name	DE-9092EGA	DE-9106EGA	DE-9120EGA
Format	16:9	16:9	16:9
Gain	1	1	1
Screen Material	Glass-Fibre, Matte White	Glass-Fibre, Matte White	Glass-Fibre, Matte White
Viewing Size (W x H) (mm)	2030 x 1145	2340 x 1320	2656 x 1494
Diagonal Viewing (Inch)	92	106	120
Black Border R & L (mm)	50	50	50
Black Border Bottom (mm)	55	55	55
Black Border Top (mm)	300	300	300
Weight (Net) (Kgs)	12.27	14.2	16
Case Dimensions (W x D x H) (mm)	2280 x 108 x 113 (including brackets)	2661 x 108 x 113 (including brackets)	2983 x 108 x 113 (including brackets)

16:10 Screen Range

Model Name	DE-1095EGA	DE-1109EGA	DE-1123EGA
Format	16:10	16:10	16:10
Gain	1	1	1
Screen Material	Glass-Fibre, Matte White	Glass-Fibre, Matte White	Glass-Fibre, Matte White
Viewing Size (W x H) (mm)	2030 x 1269	2340 x 1463	2656 x 1660
Diagonal Viewing (Inch)	95	109	123
Black Border R & L (mm)	50	47	50
Black Border Bottom (mm)	50	50	50
Black Border Top (mm)	300	300	300
Weight (Net) (Kgs)	12.27	14.2	16
Case Dimensions (W x D x H) (mm)	2280 x 108 x 113	2590 x 108 x 113	2906 x 108 x 113

Optoma EGA is one of the only screens on the market that has built in IR remote control, tubular motor and multi functional mounting. The screen's aluminium casing has an override switch located at the end of the case and depending upon how it is installed installation both either the built-in I/R or external infrared remote systems can be used to control it.

The EGA series screens offers a simple yet elegant design, with functionality the highest priority.



EGA screens utilize a single aluminium alloy construction, greatly increasesing structural integrity making the screen sturdier and providing smoother operation. Innovative and simple installation make these screens suitable for most types of environments.

Tubular Motor

The EGA's tubular motor ensures smooth and stable operation and years of reliable and trouble-free use. The tubular motor has a quiet operation with a noise level below 45dB.

Optoma Integrated Control System

The Optoma integrated control system includes an in-line switch, built-in remote control system, 12v trigger, RS232 and external infrared receiver. This all-in-one integrated system guarantees a screen that is suited for the most demanding of applications.

With a tubular motor at the heart of your motorized EGA screen and built in I/R you're ready to hang and use your screen in minutes.

Multi-Functional Mounting Brackets

The floating L-bracket design allows horizontal adjustments and therefore can be fixed at any preferred point on the screen casing.

Tab Tension

16:10 Screen Range

Model Name	DE-1109ETT	DE-1123ETT
Format	16:10	16:10
Gain	1	1
Screen Material	PS series Flexible Fabric, Matte white	PS series Flexible Fabric, Matte white
Viewing Size (W x H) (mm)	2346 x 1466	2656 x 1660
Diagonal Viewing (Inch)	109	123
Black Border R & L (mm)	80	80
Black Border Bottom (mm)	55	55
Black Border Top (mm)	400	400
Weight (Net) (Kgs)	18.4	20.7
Case Dimensions (W x D x H) (mm)	2843 x 142 x 152	3158 x 142 x 152

Tap-Tensions Motorised Screens

The ETT (Electric Tab Tension) has a unique tension adjustment system that keeps the screen surface tensioned at every point to ensure a picture perfect experience. This screen features PS HD flexible fabric with a unique layer of special diamond patterns on its surface specifically designed to bring out the best from a projector and enhance picture quality and colour.

Screen Image and Adjustment image

Features aluminium casing with innovative sliding installation system, an integrated control system that allows the screen to be fully customizable and gives the user a variety of control options. Mounting Bracket and Casing.

Sliding Installation System

Optoma Electric screens feature one of the best mounting systems on the market. Two small “L” shaped brackets fit to the wall or ceiling anywhere along the length of the case. Once the screen is clipped into the brackets an aluminium lever secures it in position. The aluminium white case has an elegant curved profile making it one of the nicest looking screens on the market. The rigid sturdy design keeps the internal roller perfectly straight and any motor noise to a minimum.

Built in Infra-red remote control and projector trigger

All our 16:10 ETT electric screens feature built in infra-red remote control and come with a simple hand held remote. The IR receiver is located on the front of the curved case but should the screen be installed behind a pelmet or recessed into the ceiling, a small external IR eye is included. Also included is a 12volt trigger input, this allows the screen to be activated from any projector or AV control system with a 12volt output.

Manual pull up

Screen Range

Model Name	DP-3072MWL	DP-3084MWL
Format	4:3	4:3
Gain	1	1
Screen Material	Matte White	Matte White
Viewing Size (W x H) (mm)	1463 x 1097	1707 x 1280
Diagonal Viewing (Inch)	72	84
Black Border R & L (mm)	35	35
Black Border Bottom (mm)	680	800
Black Border Top (mm)	25	25
Weight (Net) (Kgs)	5.63	6.33
Case Dimensions (W x D x H) (mm)	1620 x 115 x 115	1867 x 115 x 115

Screen Range

Model Name	DP-9046MWL
Format	16:9
Gain	1
Screen Material	Matte White
Viewing Size (W x H) (mm)	1016 x 572
Diagonal Viewing (Inch)	46
Black Border R & L (mm)	25
Black Border Bottom (mm)	210
Black Border Top (mm)	20
Weight (Net) (Kgs)	2.8
Case Dimensions (W x D x H) (mm)	1124 x 140 x 84

Screen Range

Model Name	DP-1082MWL	DP-1095MWL
Format	16:10	16:10
Gain	1	1
Screen Material	Matte White	Matte White
Viewing Size (W x H) (mm)	1770 x 1106	2030 x 1267
Diagonal Viewing (Inch)	82	95
Black Border R & L (mm)	28	35
Black Border Bottom (mm)	907	698
Black Border Top (mm)	25	35
Weight (Net) (Kgs)	6.46	7.5
Case Dimensions (W x D x H) (mm)	1930 x 115 x 155	2192 x 115x 155

This portable screen is simple to use and very stable produced using high quality alloy casing and a self standing format. The Optoma pull-up screen is ideal for travelling, whether from room to room or around the country.

Optoma MWL screens are available in a variety of formats; business presentation (4:3 / 16:10 ratios) and home cinema (16:9 ratio). These screens are ideal for rental companies when mounting a screen to a wall or ceiling is impractical.

In use, two support legs, which are otherwise conveniently hidden from view, slide out from under the casing. These legs come with height adjustable floor stands for use on uneven surfaces. For additional vertical stability, the support bar comes with an additional height adjustable floor stand.

Intelligent Interlock

The design of the intelligent interlock ensures that the screen is fully secure in use and during transport. When the support bar is lifted, the case is automatically unlocked allowing the screen to be pulled up. When the screen is retracted the case will automatically be locked. This innovative safety feature is easy to use and standard on all sizes.

One-Way Interlock

The patented one-way lock allows the back support to be fully secure and easily adjustable. The multi-purpose handle is not only used for expanding and retracting the screen, but it is also used for securing the screen on the support bar. Its perfect fit prevents the screen from falling or shifting positions.

Level Adjustment Knob

During use, two support legs which are otherwise hidden conveniently slide out from under the casing. The support legs come with height adjustable floor stands for use on uneven surfaces. For additional vertical stability, the support bar comes with an additional height adjustable floor stand.

We know that improving our products is the best way to reduce our impact on the environment. That's why at Optoma, we design our products to have a long usable life, use fewer materials, ship with the minimum packaging and be free of all possible toxic substances. Naturally, energy efficiency and being recyclable are built in at the design stage. With each new product, we strive towards minimising our environmental impact. For full details of Optoma Project Green please visit our website.

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