



FIXED SCREENS WITH MASKING TECHNICAL SPECIFICATIONS

C-Mask Screen with ClearPix™

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**SCREEN
RESEARCH**

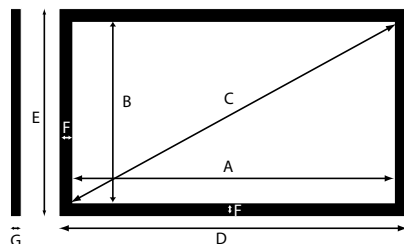
PRODUCT SPECIFICATIONS

C-Mask Screen with ClearPix™

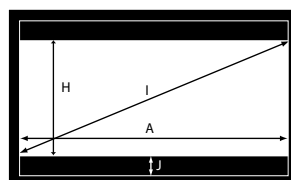
Classic - Scope 16:9 Product Dimensions

Standard native format : 1.78

Achievable masking ratio : 1.78 → 3.0



Standard native format (1.78)



Top / bottom masks - 2.35 format

ITEM	OBJECT		80	90	96	100	110	120
A	Image width		80" 2032mm	90" 2286mm	96" 2438mm	100" 2540mm	110" 2794mm	120" 3048mm
B	Image height		45" 1143mm	50.6" 1285mm	54" 1372mm	56.3" 1430mm	61.9" 1572mm	67.5" 1715mm
C	Image diag.		91.8" 2331mm	103.2" 2622mm	110.1" 2798mm	114.8" 2915mm	126.2" 3206mm	137.7" 3497mm
D	Overall width front		95.7" 2432mm	105.7" 2686mm	111.7" 2838mm	115.7" 2940mm	125.7" 3194mm	135.7" 3448mm
E	Overall height		60.7" 1543mm	66.3" 1685mm	69.8" 1772mm	72" 1830mm	77.6" 1972mm	83.3" 2115mm
F	Frame width		1543" 7.9mm					
G	Overall depth		6.6" 168mm					
	Distance from wall to screen		2.7" 69mm					
	Max, format		2.60					
H	2,35	Image height	34" 864mm	38.3" 973mm	40.9" 1039mm	42.6" 1082mm	46.8" 1189mm	51.1" 1298mm
I		Image diag.	86.9" 2207mm	97.8" 2484mm	104.3" 2649mm	108.7" 2761mm	119.5" 3035mm	130.4" 3312mm
J		Masks width	5.5" 140mm	6.2" 157mm	6.6" 168mm	6.9" 175mm	7.6" 193mm	8.2" 208mm
	Power European Version		230V 50-60Hz 1A (250W)					
	Power US Version		115V 60Hz 2A (250W)					
	Power Japan Version		100V 50-60Hz 2A (250W)					
	Weight		198 lbs 90 kg	198 lbs 90 kg	198 lbs 90 kg	220 lbs 100 kg	220 lbs 100 kg	220 lbs 100 kg

Tolerance spec on all screen dimensions are +/- 6 mm (1/4")

Weight for all screens are intended +/- 10 kg (22 lbs) and can vary according to the selected options

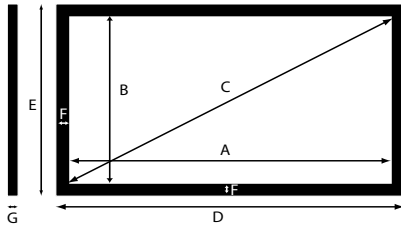
PRODUCT SPECIFICATIONS

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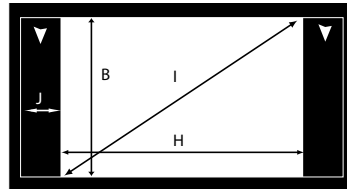
Classic Cinescope 2.35 Product Dimensions

Standard native format : 2.35

Masking ratio : 2.35 → 1.78



Standard native format (2.35)



Lateral masks 1.78 format

ITEM	OBJET	80	90	100	110	120
A	Image width	80" 2032mm	90" 2286mm	100" 2540mm	110" 2794mm	120" 3048mm
B	Image height	34" 864mm	38.3" 973mm	42.6" 1082mm	46.8" 1189mm	51.1" 1298mm
C	Image diag	86.9" 2208mm	97.8" 2484mm	108.7" 2761mm	119.5" 3036mm	130.4" 3313mm
D	Overall width	92.6" 2352mm	102.6" 2606mm	112.6" 2860mm	122.6" 3114mm	132.6" 3368mm
E	Overall height	46.6" 1184mm	50.9" 1293mm	55.2" 1402mm	59.4" 1509mm	63.7" 1618mm
F	Frame width	6.3" 160mm				
G	Overall depth	5.5" 140mm				
	Distance from wall to screen	2.7" 69mm				
H	Image width 16/9	60.4" 1534mm	68.1" 1730mm	75.7" 1923mm	83.2" 2113mm	90.8" 2306mm
I	Image diag 16/9	69.3" 1760mm	78.1" 1984mm	86.9" 2207mm	95.5" 2426mm	104.2" 2647mm
J	1.78 Masks width	9.8" 249mm	11" 279mm	12.2" 310mm	13.4" 340mm	14.6" 371mm
	Tension Europe	230V 50-60Hz 1A (250W)				
	Tension US	115V 60Hz 2A (250W)				
	Tension Japon	100V 50-60Hz 2A (250W)				
	Weight	198 lbs 90 kg	198 lbs 90 kg	220 lbs 100 kg	220 lbs 100 kg	220 lbs 100 kg

Tolerance spec on all screen dimensions are +/- 6 mm (1/4")

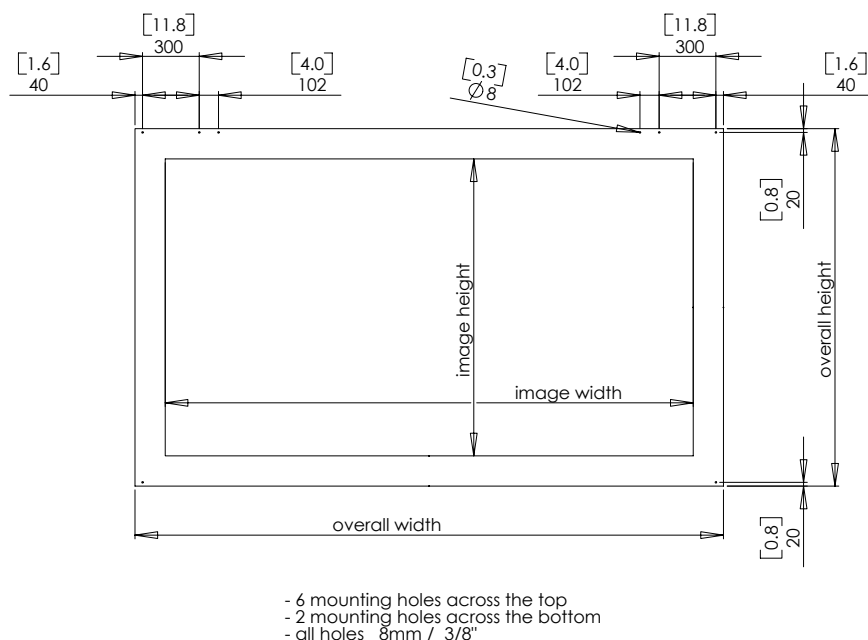
Weight for all screens are intended +/- 10 kg (22 lbs) and can vary according to the selected options

PRODUCT SPECIFICATIONS

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Mounting Dimensions

The C-Mask hangs on a pair of “L” brackets which are mounted to the wall with two bolts or screws each. It is also bolted or screwed to the wall at the four corners. All of the holes are aligned, 20 mm / 3/4” inside the top and bottom edges of the frame and 130 mm / 5 1/8” outside the top and bottom edges of the image.



The four corner-mounting holes are inset 40 mm / 1 9/16” from the lateral edges of the frame.

The C-Mask The mounting holes in the brackets are 102 mm / 4” apart. The brackets slide in a groove in the frame structure, so their lateral positioning is flexible, but they should be set as far apart as possible. The outermost holes in each bracket should be no less than 350 mm / 14” away from the outer edge of the frame.

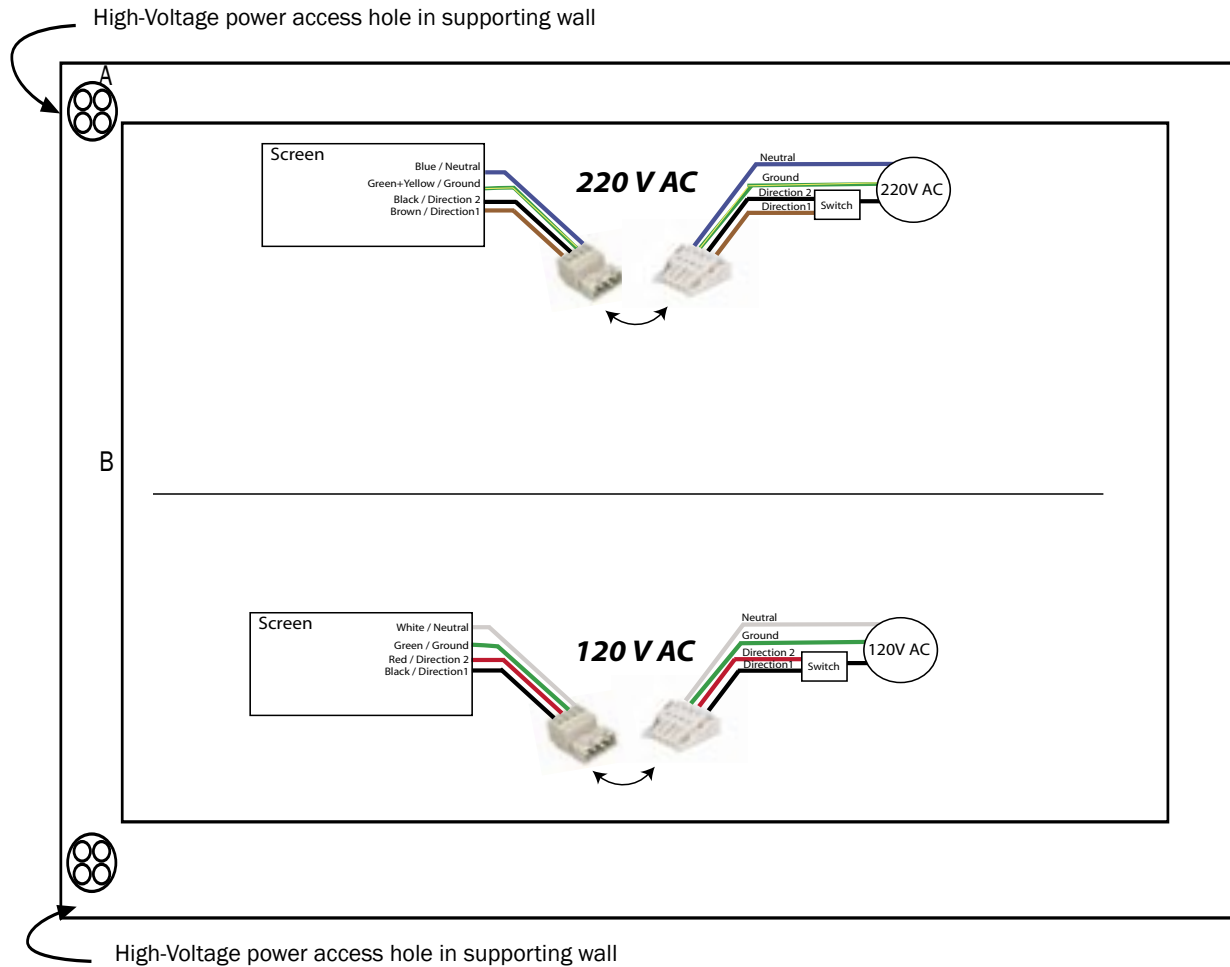
For in-aperture flush mounting, the “L” bracket that allows the C-Mask to be inserted into the aperture with absolutely no vertical or lateral movement. In this case, the aperture should be 3 mm / 1/8” larger than the overall frame dimensions.

The C-Mask frame includes two vertical frame stiffeners which can be positioned by the installer so as not to interfere with speakers placed behind the projection surface.

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Electrical Installation



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Control Options

The C-Mask is delivered standard with wall switches.

The following control options are available:

Number and position of power cables:

models:	A Exit	B Exit	wall switches	Control Options	
				MCS - 320	MCS - 310
Scope 16:9	1	1	2	1	0
Cinescope 2.35 to 16:9	1	0	1	0	1

Aspect Ratio Availability

Native Image Format	16:9 (1.78)	2.35
Masked format	<u>2.35</u>	<u>16:9</u>
Scope 16:9	x	
Cinescope 2.35 to 16:9		x

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Product Codes and Options

C-Mask CLASSIC SCOPE 16:9 Native : 16:9 Masking : 1.77 up to 3.0	Image Width	ClearPix 2 Double layer	ClearPix 2 single layer
	80" (2032mm)	CTC-80-178-2?-B-?	CTC-80-178-2?-?
	90" (2286mm)	CTC-90-178-2?-B-?	CTC-90-178-2?-?
	96" (2438mm)	CTC-96-178-2?-B-?	CTC-96-178-2?-?
	100" (2540mm)	CTC-100-178-2?-B-?	CTC-100-178-2?-?
	110" (2794mm)	CTC-110-178-2?-B-?	CTC-110-178-2?-?
	120" (3048mm)	CTC-120-178-2?-B-?	CTC-120-178-2?-?

C-Mask CLASSIC CINESCOPE 16:9 Native : 2.35 Masking : 16/9	Image Width	ClearPix 2 Double layer	ClearPix 2 single layer
	80" (2032mm)	CL1C-80-235-2?-B-?	CL1C-80-235-2?-?
	90" (2286mm)	CL1C-90-235-2?-B-?	CL1C-90-235-2?-?
	96" (2438mm)	CL1C-96-235-2?-B-?	CL1C-96-235-2?-?
	100" (2540mm)	CL1C-100-235-2?-B-?	CL1C-100-235-2?-?
	110" (2794mm)	CL1C-110-235-2?-B-?	CL1C-110-235-2?-?
	120" (3048mm)	CL1C-120-235-2?-B-?	CL1C-120-235-2?-?

2? - ?			
ClearPix Fabric color		Voltage	
W	White	U	US 115V
G	Grey	E	Europe 230V
		J	Japan 100V

Option Codes	<p>The question marks at the product code (2?-?) represent the options which must be specified with the order. They represent, in order, the Fabric Color and the voltage.</p> <p>Example: a 90", 16/9 Classic Widescope C-Mask with white fabric, a Black Backing and 230V motor would be : CLC-90-178-2W-B-E.</p>
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PRODUCT SPECIFICATIONS

C-Mask Screen with ClearPix™

Customization

Screen Research does its utmost to respond to particular product needs. We provide a range of customization options to ensure that our screen fits perfectly your environment.

Screen Size and Image Ratio

C-Mask screens are produced at standard sizes and aspect ratio. Custom intermediate sizes are available upon request, as are custom aspect ratios.

Masks Fabric

Top and bottom Masks: non-acoustically transparent velour.

Lateral Masks: acoustically transparent fabric.

Frame finish

The C-Mask ships standard with a black velour finish.

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Screen Research Product Warranty

1. LIMITED WARRANTY

Screen Research warrants the product designated herein to be free of manufacturing defects in material and workmanship, subject to the term and conditions hereinafter set forth.

- Surface fabric(s) and frames are warranted for a period of five (5) years from the date of invoice by the original purchaser.
- Motors, motor controllers, remote controls, and related assembly hardware are warranted for three (3) years parts and labor from date of invoice by the original purchaser.

2. CONDITIONS AND LIMITATIONS

This Warranty is subject to the following conditions and limitations. The Warranty is void and inapplicable if the product has been used or handled other than in accordance with the instructions in the owner's manual, abused or misused, damaged by accident or neglect or in being transported, or the defect is due to the product being repaired or tampered with by anyone other than Screen Research or an authorized Screen Research dealer or installer. The product must be installed by a professional, duly-authorized Screen Research dealer/custom installer, and maintained according to the written instructions.

3. RETURNS

No product returns accepted without a prior written return authorization from Screen Research.

Product must be packed in the original package or equivalent packaging in order to avoid any damage during transportation. The product(s) must be packed and returned to Screen Research or an authorized Screen Research repair center by the customer at his or her sole expense. Screen Research will pay return freight of its choice.

A RETURNED PRODUCT MUST BE ACCOMPANIED BY A WRITTEN DESCRIPTION OF THE DEFECT AND A PHOTOCOPY OF THE ORIGINAL PURCHASE RECEIPT. This receipt must clearly list model and serial number, the date of purchase, the name and address of the purchaser and authorized dealer and the price paid by the purchaser. Screen Research reserves the right to modify the design of any product without obligation to purchasers of previously manufactured products and to change the prices or specifications of any product without notice or obligation to any person.

4. REMEDY

In the event the product fails to meet the above Warranty, the purchaser's sole remedy under this Limited Warranty shall be to return the product to Screen Research or an authorized Screen Research service center where the defect will be rectified without charge for parts or labor, during the term of this Limited Warranty.

5. LIMITED TO ORIGINAL PURCHASER

This Warranty is for the sole benefit of the original purchaser of the covered product and shall not be transferred to a subsequent purchaser of the product.

6. MISCELLANEOUS

Any implied warranties relating to Screen Research products shall be limited to the duration of this warranty. The warranty does not extend to any incidental or consequential damages to the purchaser. Some states or countries do not allow limitations on how long an implied warranty lasts, or an exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This Warranty gives you specific legal rights, and you may also have other rights which vary from state to state, or country to country.

7. WARRANTOR

Enquiries regarding the above Limited Warranty may be sent to the following address, specific to country where purchased:

- Purchases in North and South America:
Screen Research, 2021 Las Positas Court, Suite 147, Livermore, California 94551 USA
- Purchases in Europe, Asia, Middle East, Africa, India, Asia, Australia:
Screen Research, Parc d'Activité de Ragon - 16, rue Louis Pasteur - 44119 Treillières - France

8. WARRANTY SUPPORT MANAGED BY AUTHORIZED DISTRIBUTORS

Screen Research has authorized distribution in many countries of the world. In each country, the authorized importing Distributor is responsible for warranty support of products sold in the respective country by that retailer or distributor. Warranty service should be obtained from the importing retailer or distributor from whom you purchased your product. In the unlikely event of service required beyond the capability of the importer, Screen Research will fulfill the conditions of the warranty. No product returns will be accepted without a prior written return authorization from Screen Research. All product returns must be shipped at the owner's expense to the Screen Research factory, together with a photocopy of the bill of sale for that product, a detailed description of the problem, and any information necessary for return shipment.