



The dnp Supernova Blade is an elegant, frameless front projection screen that is ideal for use in meeting rooms, retail stores and residential applications. Only 3mm thick and available in sizes 100", 110" and 120" in 16: 9, it meets modern customers' demand for flatter, wider screens which maximise image size while reducing the space requirement of the overall installation.



dnp optical front projection screens

The screen's clean look and slim-line format suit modern architecture and interiors perfectly. At the same time, the dnp Supernova Blade performs superbly, providing a great viewing experience, even in brightly lit environments.

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Made with ISF-certified Supernova 08-85 or with 23-23 material, dnp Supernova Blade has a built-in optical filter which absorbs ambient light and boosts contrast. The result is vivid, sharp images with up to 7 times higher contrast than conventional front projection screens. The screen's light-absorbing capabilities eliminate the need for a dedicated darkened room and thus extend the opportunities for quality viewing into a much broader range of environments. There is no need to draw the blinds in meeting rooms, and in home entertainment installations, there is no need to wait until after dark to start the movie.

Flexible and easy installation

The Supernova Blade is easy to install and can be mounted in two ways: either hung on the wall or suspended from the ceiling. When wall-mounted, its super-slim format gives the effect of a 'window on the world'; when suspended from the ceiling by almost invisible wires, the effect is even more dramatic. It appears to be floating in mid-air. Besides being

aesthetically pleasing, the screen design is also space-saving - an additional advantage in retail situations, where every square metre counts.

- > Frameless, space-saving design
- > Minimal screen thickness - only 3mm
- > Standard sizes 100", 110" and 120" in 16: 9
- > Custom sizes available
- > Easy to install on wall or ceiling
- > Performs in brightly lit environments
- > Up to 7 times higher contrast than conventional front screens
- > ISF-certified screen material available
- > Compatible with all standard projectors

Application suitability	
Auditorium/sports arena	★ ★
Conference room	★ ★ ★ ★ ★ ★ ★
Control room	★ ★ ★
TV studio	★ ★ ★ ★
Advertising – in-store	★ ★ ★ ★ ★
Advertising – window display	★
Home entertainment – bright living room	★ ★ ★ ★ ★
Home entertainment – darkened home theatre	★ ★ ★ ★ ★

Product details

Aspect ratio				16:9 format
Screen size		100"	110"	120"

Part no.	SN Blade 08-85	5 100 100 145	5 110 100 145	5 120 100 145
	SN Blade 23-23	5 100 110 145	5 110 110 145	5 120 110 145

Image area (= outer dimensions)				
Width	mm	2214	2435	2657
Height	mm	1245	1370	1494
Width	inch	87.2	95.9	104.6
Height	inch	49.0	53.9	58.8

Shipping dimensions				
Length	mm	2310	2531	2753
Width	mm	1341	1466	1590
Height	mm	175	175	175
Length	inch	90.9	99.7	108.4
Width	inch	52.8	57.7	62.6
Height	inch	6.9	6.9	6.9

Thickness and Weight				
Thickness	mm	3.3	3.3	3.3
Screen (net)	kg	13	15	18
Shipping (gross)	kg	72	85	97
Thickness	inch	0.13	0.13	0.13
Screen (net)	lbs	28	34	40
Shipping (gross)	lbs	159	187	215

Projection information (Supernova 08-85 screen material)				
Minimum lens throw ratio	ltr	1.5:1	1.5:1	1.5:1
Minimum projection distance	mm	3321	3653	3985
	ft	10.9	12.0	13.1

Projection information (Supernova 23-23 screen material)				
Minimum lens throw ratio	ltr	1.8:1	1.8:1	1.8:1
Minimum projection distance	mm	3985	4383	4782
	ft	13.1	14.4	15.7

Subject to change without notice. Please check specification at time of ordering.

General information

Available screen material		08-85	23-23
Peak gain		0.8	2.3
Horizontal half-gain angle		85	23
Lens pitch	micron	65	65
Mounting options		Ceiling	Wall
Steel wire thickness	Ø, mm	1.5	-
Standard steel wire length	m	5.0 (x2)	-
	feet	16.4 (x2)	-
Distance to wall	mm	-	20
	inches	-	0.80
Operating environment			
Temperature	°C		10-40
	°F		50-104
Humidity (non-condensing)	%RH		10-70

Included in the package
Screen, gloves, mounting accessories, installation manuals

Certificates



08-85 screen material

Awards



dnp optical screens have won numerous awards including the Best Buzz Award at InfoComm, Honoree Awards at CES and the Excite award at CEDIA US 2007.

7 layers for up to 10 times more contrast

The Supernova Screen is made up of 7 high-tech layers that actively ensure a superior viewing experience. Layers include:

- > Unique optical lens film to reduce the impact of ambient light and ensure better image contrast.
- > Technologically advanced reflection layer for revolutionary half-gain angles up to +/- 85°.
- > Black colour layer that sets new standards for colour reproduction.
- > Hard surface coating for screen scratch resistance and easy handling and a no-shimmer image.

These unique properties have earned Supernova 08-85 screen material ISF approval.

