

The dnp Supernova Flex combines revolutionary Supernova Screen technology with innovative, aesthetic, space-saving design to create a high-quality front projection screen that is flexible and retractable. The Supernova Flex Screen is available with a wall mounted or a ceiling mounted installation system.



dnp optical front projection screens

Outfitted with high-contrast filters that absorb ambient light, the Supernova Flex delivers exceptionally clear images even in brightly lit surroundings such as conference rooms and exhibition centres – eliminating the need for darkened environments.

The Supernova Flex balances supreme black levels with an ergonomical brightness level. This prevents eye strain and provides clear and vivid images with full colour saturation, regardless of the angle in which the viewer is positioned. Because of its unique properties, the Supernova Flex is the ideal choice for home entertainment.

The unique, patented design of the retractable Supernova Flex makes Supernova front projection screens even more accessible. The Supernova Flex exits and enters its ceiling or wall mounted housing quickly and easily, simultaneously providing a safe place to store the screen. The cover for the

wall mounted version comes in a variety of designs and sizes to fit discreetly into any room. Suspended by durable wires, the Supernova Flex is easy to adjust vertically and can be rolled down over an existing wall hanging such as a painting or flat screen television. The screen is easy to install, compatible with all standard projectors and comes standard with an infrared remote control, 5-12 V trigger and RS-232 connection.

- > Uniform front projection in brightly-lit surroundings
- > Suspended in nearly-invisible wires
- > Quick and easy retraction
- > Compatible with all standard projectors
- > Market-leading black levels and perfect colour balance
- > ISF-certified screen material (SN 08-85)

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	★ ★ ★ ★ ★

dnp Supernova™ Flex Specifications

Product details

Aspect ratio		4:3 format		16:10 format				16:9 format	
Screen size		84"	100"	100"	112"	84"	92"	100"	120"
Image area									
Width	mm	1707	2032	2154	2412	1860	2037	2214	2657
Height	mm	1280	1524	1346	1508	1046	1146	1245	1494
Width	inch	67.2	80.0	84.8	95.0	73.2	80.2	87.2	104.6
Height	inch	50.4	60.0	53.0	59.4	41.2	45.1	49.0	58.8
Screen dimensions (including frame)									
Width	mm	1852	2177	2299	2557	2004	2182	2359	2802
Height	mm	1402	1646	1468	1630	1168	1268	1367	1616
Width	inch	72.9	85.7	90.5	100.7	78.9	85.9	92.9	110.3
Height	inch	55.2	64.8	57.8	64.2	46.0	49.9	53.8	63.6
Shipping dimensions									
Length	mm	2300	2640	2760	3020	2300	2640	2760	3300
Height	mm	230	230	330	480	230	230	230	480
Width	mm	230	230	230	430	230	230	230	400
Length	inch	90.6	103.9	108.7	118.9	90.6	103.9	108.7	129.9
Height	inch	13.0	13.0	13.0	18.9	13.0	13.0	13.0	18.9
Width	inch	9.1	9.1	9.1	16.9	9.1	9.1	9.1	15.7
Weight									
Screen (net)	kg	21	24	38	41	22	24	25	30
Shipping (gross)	kg	27	31	45	69	29	31	33	84
Screen (net)	lbs	46	52	83	90	49	52	55	66
Shipping (gross)	lbs	60	68	100	151	64	68	72	185
Projection information									
Minimum lens throw ratio	ltr	1.5:1	1.5:1	1.5:1	1.5:1	1.5:1	1.5:1	1.5:1	1.5:1
Minimum projection distance	mm	2560	3048	3590	4021	2789	3055	3321	3985
	ft	8.4	10.0	11.8	13.2	9.2	10.0	10.9	13.1
Wall hanging cover dimensions									
Length	mm	2181	2506	2628	2886	2334	2511	2688	3131
Height	mm	245	245	245	245	245	245	245	245
Length	inch	85.9	98.7	103.5	113.6	91.9	98.9	105.8	123.3
Height	inch	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
Wall hanging cover weight									
Net	kg	5.2	6.0	6.3	6.9	5.6	6.0	6.5	7.5
Net	lbs	11.5	13.3	13.9	15.3	12.4	13.3	14.2	16.6
Ceiling cassette dimensions									
Length	mm	2280	2610	2910	2984	2610	2610	2910	3300
Height	mm	220	220	220	220	220	220	220	220
Width	mm	192	192	192	192	192	192	192	192
Length	inch	89.8	102.8	114.6	117.5	102.8	102.8	114.6	129.9
Height	inch	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
Width	inch	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
Ceiling cassette cover plate dimensions									
Length	mm	2340	2670	2970	3044	2670	2670	2970	3360
Height	mm	2	2	2	2	2	2	2	2
Width	mm	252	252	252	252	252	252	252	252
Length	inch	92.1	105.1	116.9	119.8	105.1	105.1	116.9	116.9
Height	inch	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Width	inch	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
Ceiling cassette and cover plate weight									
Net	kg	15	17	18	19	17	17	18	23
Net	lbs	33	37	40	41	37	37	40	52

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

dnp Supernova™ Flex **General information**

General information for wall mounted version (cover)

Mounting

Distance from screen to wall: (Standard)	mm inch	20 0.8
Wall clearance spacer: (Optional)	mm inch	25 1.0 50 2.0 100 3.9

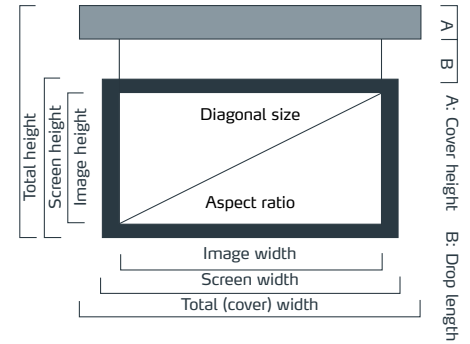
Covers

Standard cover designs:	Black	White	Silver	Brushed aluminium	Maple-wood	Cherry-wood	Paintable
Material:	Powder-coated	Powder-coated	Powder-coated	HPL*	HPL*	HPL*	

*) High Pressure Laminate. Not available for 100" and over

Included in the package

Cover, security clips, new end-caps for screen



General information for ceiling mount kit (cassette)

Ceiling cassette cover plate

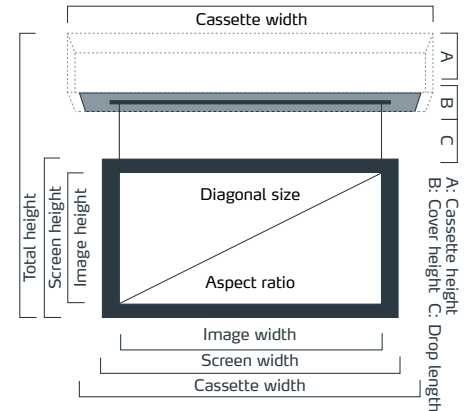
Standard designs	White	Unpainted	(Other RAL colours on request)
Material	Powder-coated aluminium (RAL 9010)		

Ceiling cassette housing

Standard cassette designs	Unpainted
Material	Aluminium

Included in the package

Cassette, cover, couplers and bolts, internal cables, installation manual

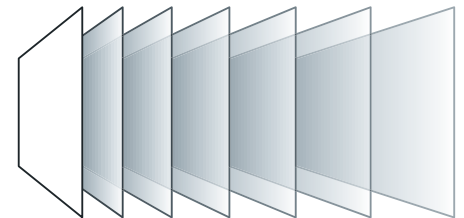


7 layers for up to 10 times more contrast

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 thereby 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.



dnp Supernova™ Flex **General information**

General information

Available screen material		08-85
Peak gain		0.8
Horizontal half-gain angle	°	85
Lens pitch	micron	65

Drop		
Maximum drop length	m	3.0
	feet	10.0

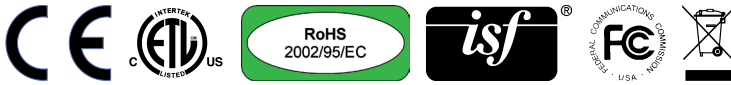
Electricity		
Power		100-240 VAC, 50/60 Hz, 100 W max.
Standby power consumption	W	7.0
Power cord		3-pin with earth/ground

Operating environment		
Temperature	°C	10-40
	°F	50-104
Humidity (non-condensing)	%RH	10-70

Screen controls				
Standard	IR Remote	RS-232 serial	5-12V trigger	Relay

Included in the package
 Screen, IR remote control, power cord, wall mounts, installation manual (EN), user manual (EN)

Certificates



Awards

dnp optical screens have won numerous awards including the Best Buzz Award at InfoComm in 2005 and 2006, Honoree Awards at CES in 2006, 2007 and 2008, and the Exclte award at CEDIA US 2007.

