



100" dnp LaserPanels provide a strong alternative to LED flat screens in meeting rooms, classrooms and even private homes and offer the most attractive size-cost-quality profile on today's market!



dnp optical flat screen

The most cost-effective 100" flat screen

dnp LaserPanels offer large high-contrast images at a fraction of the cost of an LED flat screen. They meet the users' demands for large easy-to-install display sizes while remaining affordable for companies, educational institutions and homeowners.

How it works

dnp LaserPanels are based on optical screen technology, and powered by a laser projector mounted either above or below the screen. The display is mounted on the wall like LED flat screens. And since it is an ultra short throw solution, users never need to worry about stepping into the beam while presenting.

Optimized for comfortable viewing

dnp LaserPanels are optimized for comfortable viewing. This means that the brightness and contrast of the image is balanced to match the surrounding environment, so that the eye doesn't have to adapt constantly.

Easy to install all-in-one solution

The compact display can be fitted into any conference and meeting room. It is available as an all-in-one solution including laser projector, screen and projector mount (Touch version). All elements of the display can be mounted on the wall with the projector above or below the screen.

- > 100" optical flat screen display in 16-9 format
- > Optical screen and laser projection technology
- > Optimized for comfortable viewing
- > Full HD resolution (1920x1080p)
- > All-in-one solution
- > Touch version available
- > Bundled solutions with high quality projector cabinets

Touch screen option

The dnp LaserPanel is available in a soft version and a Touch version for interactive presentations. The dnp LaserPanel Touch is equipped with an interactive camera, IR pens, Wifi dongle and LaserCurtain for finger touch.

Application suitability	
Auditorium	★ ★ ★
Conference room	★ ★ ★ ★ ★ ★
Control room	★ ★
TV studio	★ ★ ★ ★
Advertising – in-store	★ ★ ★ ★ ★
Advertising – window display	★ ★ ★ ★
Home entertainment – bright living room	★ ★ ★ ★ ★
Education	★ ★ ★ ★ ★ ★

dnp LaserPanels

Description	100" dnp LaserPanel	100" dnp LaserPanel Touch
Product no.	750 001 0501	751 001 2912



Included	1x 100" LaserPanel screen (soft) 1x HD standard laser projector	1x 100" LaserPanel Touch screen (hard) 1x HD interactive laser projector 1x Projector mount 2x IR pens 1x LaserCurtain 1x WiFi dongle
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TOTAL INSTALLATION

	Width	Height*	Depth	Weight	Width	Height*	Depth	Weight
mm / kg	2234	1585	635	17	2254	1700	635	32
in / lb	88	62.4	25.0	37	88.7	66.9	25.0	71

*Total height including projector and mount (Touch version). See below for screen details.

SHIPPING INFORMATION

	Width	Height	Depth	Weight	Width	Height	Depth	Weight
mm / kg	2450	650	600	48	2450	1500	600	72
in / lb	96.5	25.6	23.6	106	96.5	59.1	23.6	159

IMAGE BRIGHTNESS

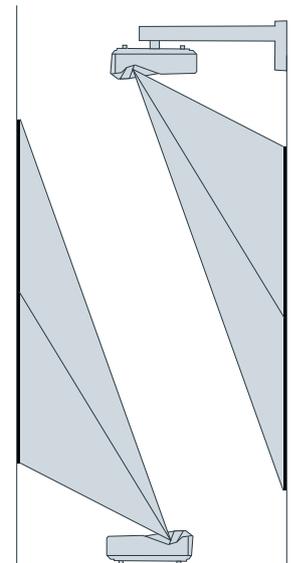
	Normal		Eco	
Cd/m2	160		100	
Ft-L	50		30	
	Normal		Eco	
	310		205	
	90		60	

OPERATING AND STORAGE ENVIRONMENT

Temperature °C	10-40
Temperature °F	50-104
Relative humidity %RH	10-70

The soft version of the dnp LaserPanel is designed to be installed with the projector below the optical screen. The dnp LaserPanel Touch can be installed with the projector positioned either above or below it. In situations with high levels of ambient light, dnp recommends mounting

the projector below the screen, so that images are projected upwards. In this position, ambient light is blocked from above, leading to even higher image contrast. Due to the asymmetrical lenses, correct orientation of the screen in relation to the projector is essential in all cases.



Business line solutions

Description	dnp LaserPanel Business Basic	dnp LaserPanel Business Classic	dnp LaserPanel Business Plus
Product no.	755 001 0501	756 001 0501	757 001 0501
			
Included	1x 100" dnp LaserPanel / LP standard 1x manual projector drawer cabinet 1x top cover, oblong opening 1x wall mount, single	1x 100" dnp LaserPanel / LP standard 1x manual projector drawer cabinet 1x top cover, oblong opening 3x wall mount, single 2x single cabinet with shelf 2x drawer 1x wooden door 2x top cover, no opening	1x 100" dnp LaserPanel / LP standard 1x manual projector drawer cabinet 1x top cover, oblong opening 1x wall mount, single 2x double cabinet with two shelves 2x wall mount, double 4x drawer 2x fabric door 2x top cover, no opening
	   	   	

DIMENSIONS AND WEIGHT ON WALL (EXCLUDING SCREEN, INCLUDING PROJECTOR)

	Width	Height	Depth	Weight	Width	Height	Depth	Weight	Width	Height	Depth	Weight
mm / kg	689	354	365*	25	1723	354	365*	50	2757	354	365*	76
in / lb	27.1	13.9	14.4*	55	67.8	13.9	14.4	110	108.5	13.9	14.4*	168

*Depth in open position 677 mm / 26.7 in

SHIPPING INFORMATION WITH SOFT SCREEN (ALL INCLUDED)

	Width	Height	Depth	Weight	Width	Height	Depth	Weight	Width	Height	Depth	Weight
mm / kg	2450	800	600	69	2450	850	700	106	2450	850	1050	150
in / lb	96.5	31.6	23.6	152	96.5	33.5	27.6	233	96.5	33.5	41.3	331

MANUAL PROJECTOR DRAWER CABINET

	Width	Height	Depth*	Weight**
mm / kg	689	354	365	19
in / lb	27.1	13.9	14.4	42

*Depth in open position 677 mm / 26.7 in

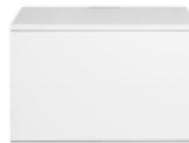
**Weight without projector



Inside projector mount patent pending
DK PA 2017 70363

SINGLE COMPARTMENT SIDE CABINET

	Width	Height	Depth	Weight
Outside dimensions mm / kg	517	354	365	10
Outside dimensions in / lb	20.4	13.9	14.4	22
Inside dimensions mm	482	322	347	
Inside dimensions in	19.0	12.7	13.7	



DOUBLE COMPARTMENT SIDE CABINET

	Width	Height	Depth	Weight
Outside dimensions mm / kg	1034	354	365	21
Outside dimensions in / lb	40.7	13.9	14.4	46
Inside dimensions mm	482	322	347	
Inside dimensions in	19.0	12.7	13.7	



Executive line solutions

Description	dnp LaserPanel Executive Basic	dnp LaserPanel Executive Classic	dnp LaserPanel Executive Plus
Product no.	752 001 0501	753 001 0501	753 001 1292



Included	1x 100" dnp LaserPanel / LP standard 1x motorized projector cabinet 1x top cover, oblong opening 1x wall mount, single	1x 100" dnp LaserPanel / LP standard 1x motorized projector cabinet 1x top cover, oblong opening 5x wall mount, single 4x single cabinet with shelf 2x fabric door 2x wooden door 2x top cover, no opening	1x 100" dnp LaserPanel / LP standard 1x motorized projector cabinet 1x top cover, oblong opening 1x wall mount, single 4x double cabinet with two shelves 2x fabric door 4x wooden door 2x top cover, no opening
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DIMENSIONS AND WEIGHT ON WALL (EXCLUDING SCREEN, INCLUDING PROJECTOR)

	Width	Height	Depth	Weight	Width	Height	Depth	Weight	Width	Height	Depth	Weight
mm / kg	689	708	365*	35	1723	708	365*	78	2757	708	365*	128
in / lb	27.1	27.9	14.4*	77	67.8	27.9	14.4	172	108.5	27.9	14.4*	282

*Depth in open position 750 mm / 29.5 in

SHIPPING INFORMATION WITH SOFT SCREEN (ALL INCLUDED)

	Width	Height	Depth	Weight	Width	Height	Depth	Weight	Width	Height	Depth	Weight
mm / kg	2450	1150	600	80	2450	1500	600	133	2450	1150	1050	204
in / lb	96.5	45.3	23.6	176	96.5	59.1	23.6	293	96.5	45.3	41.3	450

MOTORIZED PROJECTOR DRAWER CABINET

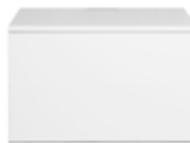
	Width	Height	Depth*	Weight
mm / kg	689	354	365	19
in / lb	27.1	13.9	14.4	42
Open/Close time				10 sec
Voltage				100-240 VAC 50/60 Hz
Stand-by power				0.04 W
Max. Power				160 W

*Depth in open position 715 mm / 28.1 in



SINGLE COMPARTMENT SIDE CABINET

	Width	Height	Depth	Weight
Outside dimensions mm / kg	517	354	365	10
Outside dimensions in / lb	20.4	13.9	14.4	22
Inside dimensions mm	482	322	347	
Inside dimensions in	19.0	12.7	13.7	



DOUBLE COMPARTMENT SIDE CABINET

	Width	Height	Depth	Weight
Outside dimensions mm / kg	1034	354	365	21
Outside dimensions in / lb	40.7	13.9	14.4	46
Inside dimensions mm	482	322	347	
Inside dimensions in	19.0	12.7	13.7	



Screen information

Description	dnp LaserPanel screen	dnp LaserPanel Touch screen
		
Lens technology	B/W Lenticular	Circular Fresnel
Gain	0.5	1.0
Viewing cone	160 °	50 °
Projector position	Below	Below / Above
Type	Soft	Hard
Preassembled	No	Yes

FRAME

	Width	Depth		Width	Depth	
mm	10	30	Black anodized	20	20	Black coated White decor line
in	0.4	1.2		0.8	0.8	

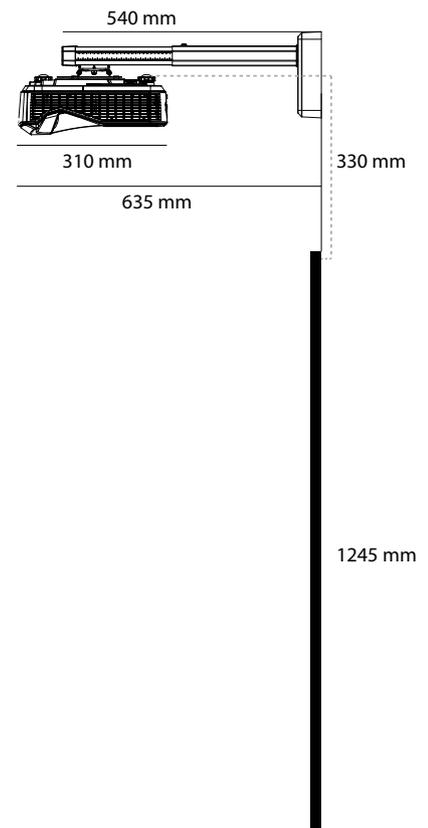
IMAGE SIZE

	Width	Height		Width	Height	
mm	2214	1245	100" 16:9	2214	1245	100" 16:9
in	87.2	49.0		87.2	49.0	

Projector information

Description	HD standard laser projector	HD interactive laser projector
		
IR camera	No	Yes
Resolution	1920 x 1080	1920 x 1080
Technology	1-DLP	1-DLP
Light source	Laser	Laser
Brightness (Eco/Normal)	2000/3000 lumens	2000/3000 lumens
Min. Life (Eco/Normal)	30,000 h / 20,000 h	30,000 h / 20,000 h
Voltage	100-240 VAC 50/60 Hz, 3.5A	100-240 VAC 50/60 Hz, 3.5A
Max. Power use	335 W	335 W
Stand-by power use	< 0.5 W	< 0.5 W
Noise level (Eco/Normal)	32/38 dB	32/38 dB
Input	HDMI (x2), VGA*, Composite video, Composite audio Microphone (3.5mm mini-jack) Audio (3.5mm mini-jack) RS-232, USB, RJ45, Mini USB	HDMI (x2), VGA*, Composite video, Composite audio Microphone (3.5mm mini-jack) Audio (3.5mm mini-jack) RS-232, USB, RJ45, Mini USB
Output	VGA*, Audio (3.5mm mini-jack)	VGA*, Audio (3.5mm mini-jack)
3D	Yes	Yes
Start-up time	10 s	10 s
Shut-down time	6 s	6 s
Feet adjustment	20 mm / 0.8 in	20 mm / 0.8 in
Weight	6 kg / 19 lb	6 kg / 19 lb
Dimensions (W x H x D)	382 x 126 x 310 mm / 15.0 x 5.0 x 12.2 in	382 x 126 x 310 mm / 15.0 x 5.0 x 12.2 in

* 1 x VGA input and 1 x VGA input/output



Projector mount details

DIMENSIONS

Length	mm	540
Height	mm	230
Width	mm	176
Length	inch	21.3
Height	inch	9.1
Width	inch	6.9

WEIGHT

Mount (net)	kg	4
Mount (net)	lb	8

DESIGN

Alu arm colour		White
Plastic cover colour		White



Wall Mount+ dnp LaserPanel Touch dnp LaserPanel

PRODUCT NO.		751002	751003
MATERIAL		Galvanized steel	Galvanized steel

DIMENSIONS

Length	mm	2,125	2,000
Distance between wall hanging points	mm	963	900
Distance between screen hanging points	mm	2,086	1,658
Length	inch	83,7	78,7
Distance between wall hanging points	inch	37,9	35,4
Distance between screen hanging points	inch	82,1	65,3

SHIPPING DIMENSIONS

Length	mm	2,210	2,080
Width	mm	150	150
Height	mm	50	70
Length	inch	87,0	81,9
Width	inch	5,9	5,9
Height	inch	2,0	2,8

WEIGHT

Wall Mount+ weight (net)	kg	5	5
Shipping weight (gross)	kg	6,5	6,5
Wall Mount+ weight (net)	lbs	11,0	11,0
Shipping weight (gross)	lbs	14,3	14,3



The Wall Mount+ ensures quick installation of perfectly flat images on non-flat walls. The wall mount consists of a top bar with built-in mounts for the screen and two steel wires that connect the top part to a lower bar for perfect positioning.