

# dnp Supernova™ Infinity

Endless size possibilities

dnp Supernova Infinity is a modular screen system that creates screen images of indefinite size out of any number of screen units from the Supernova family.

2 x 2

3 x 2

2 x 3

3 x 3



SEE OUR MOST COMMON SUPERNOVA INFINITY SETUPS HERE

## Supernova Infinity Catalogue

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Award-winning Supernova Screens are advanced optical front projection screens. Outfitted with high-contrast filters that absorb ambient light, Supernova Screens provide extraordinarily clear images even in brightly lit surroundings such as conference rooms, shopping centres and exhibition halls. The large size of the Supernova Infinity coupled with the superior viewing qualities of optical projection make it possible to capture large audiences even from a great distance and at steep viewing angles.

The Supernova Infinity features ISF-certified Supernova 08-85 screen material for high contrast and extreme viewing angles. It is one of only a few screens in the world to have earned ISF approval. The modular construction is customized to the size and number of screens chosen and is quick and easy to assemble. Held together by a series of powerful magnets, the Supernova Infinity with 08-85 screen material provides a zero physical seam viewing experience and cost-efficient product. The Supernova Infinity makes soft-edge blending an option on an optical screen for the first time. Using multiple projectors to create bigger images without any worry of visible overlap opens the door to unlimited resolution.

- > Optical front projection
- > Projection in brightly lit surroundings
- > Unlimited screen size possibilities
- > Seamless viewing experience
- > Soft-edge blending possible
- > Easy installation
- > Compatible with all standard projectors
- > CNC precision-cut edges
- > Up to +/- 85° half-gain angle
- > Full-colour balance conservation for 180° viewing cone
- > ISF-certified screen material
- > 4K compatible

The dnp Supernova Infinity is a modular screen system that creates exceptionally large-sized viewing experiences out of any number of Supernova Screen units. By fitting together Supernova Screens using a uniquely developed aluminium structure, the Supernova Infinity essentially transforms the revolutionary Supernova Screen into a building block for creating large-scale displays with endless size possibilities.

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 optical front projection screens

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## Product details

Aspect ratio Any – customized screen sizes

### Screen dimensions

Width Any – customized screen sizes  
 Height Any – customized screen sizes  
 Depth (no floor stand) 50  
mm 2  
inch

### Weight

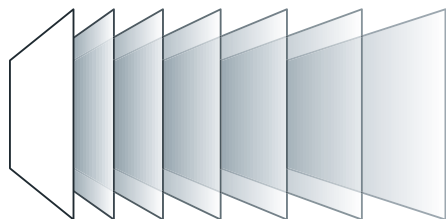
Screen (approx. – depending on size) 10-15  
kg/m<sup>2</sup> 2-3  
lbs/ft<sup>2</sup>

### Floor stand weight

Foot support (approx. – depending on size) 25  
kg 55  
lbs

## 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 o8-85 screen material ISF approval.



## General information

Available screen material o8-85  
 Peak gain ° 0.8  
 Horizontal half-gain angle 85  
 Lens pitch micron 65

### Operating environment

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

### Screen panels

Image brightness difference between adjacent screen panels % < 7  
 Gap between adjacent screen panels mm < 0.30  
 inch < 0.01

### Projection information

Minimum lens throw ratio ltr 1.5:1  
 Minimum projection distance ltr x image width

### Front frame

Standard frame Black velvet  
 Optional Silver alu No frame  
 Frame width mm 50  
 inch 2

### Options

Choose between Wall-, Floor and Ceiling mount system

### Included in the package

Support structure, screen panels, front frame, installation manual

### Certificates



o8-85 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.



# Supernova™

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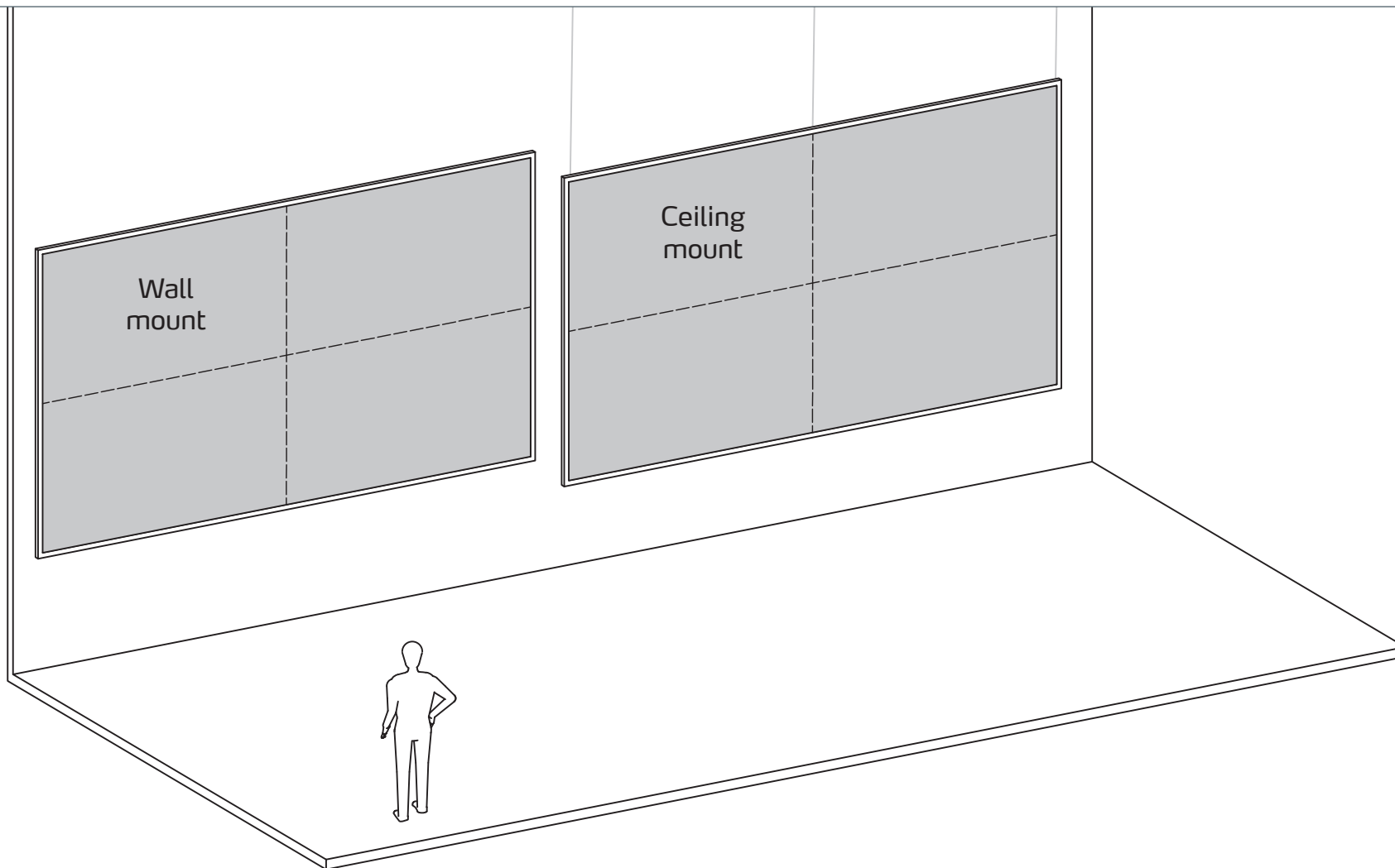
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# dnp Supernova™ Infinity 2 x 2

Max size: 5400 x 3048 mm / 212 x 120 inch | Max weight: 155 kg / 341 lbs | Ceiling mount wires (20 m.): 3 pcs.



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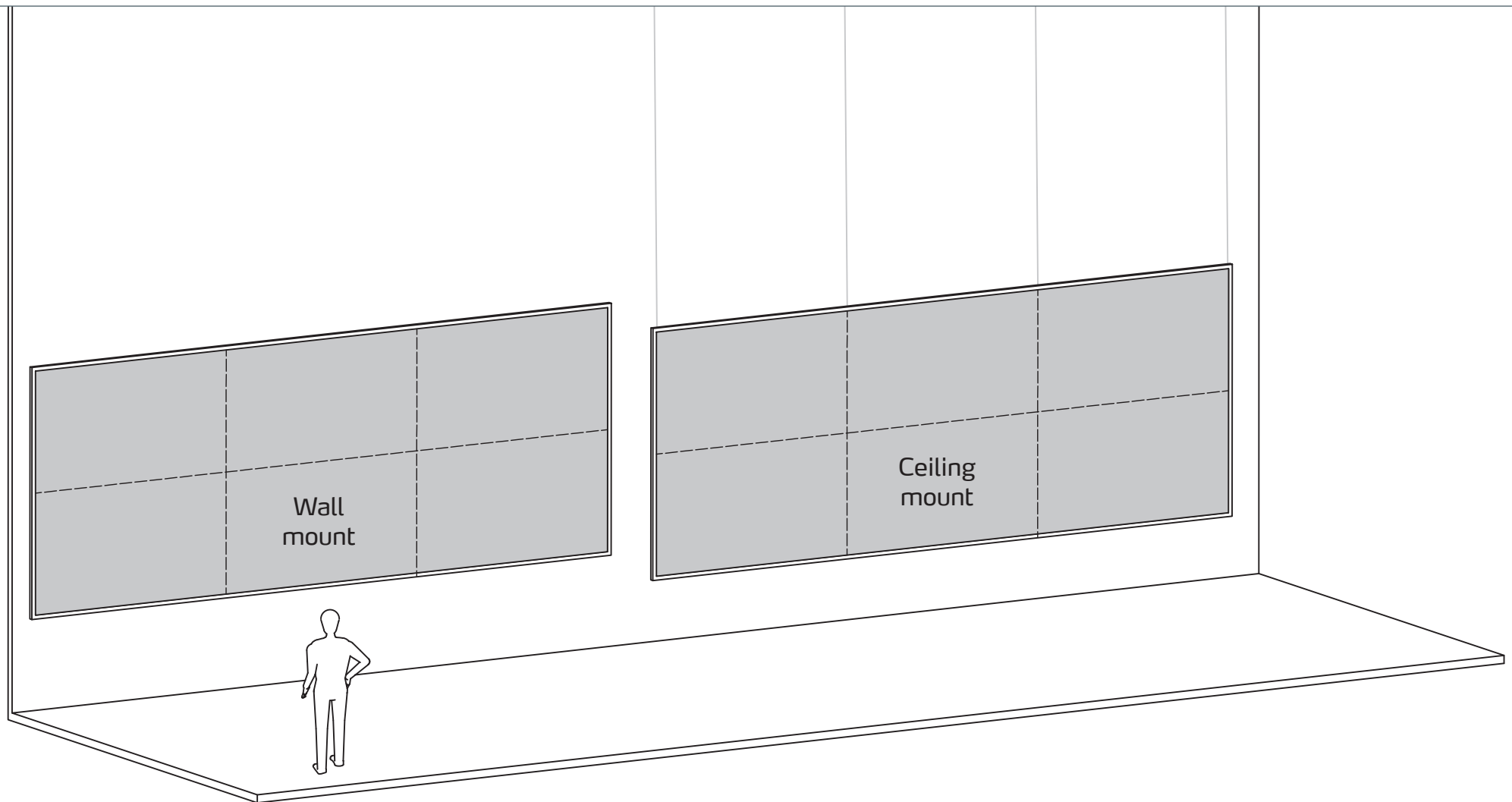
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# dnp Supernova™ Infinity 3 x 2

Max size: 8100 x 3048 mm / 319 x 120 inch | Max weight: 225 kg / 496 lbs | Ceiling mount wires (20 m.): 4 pcs.



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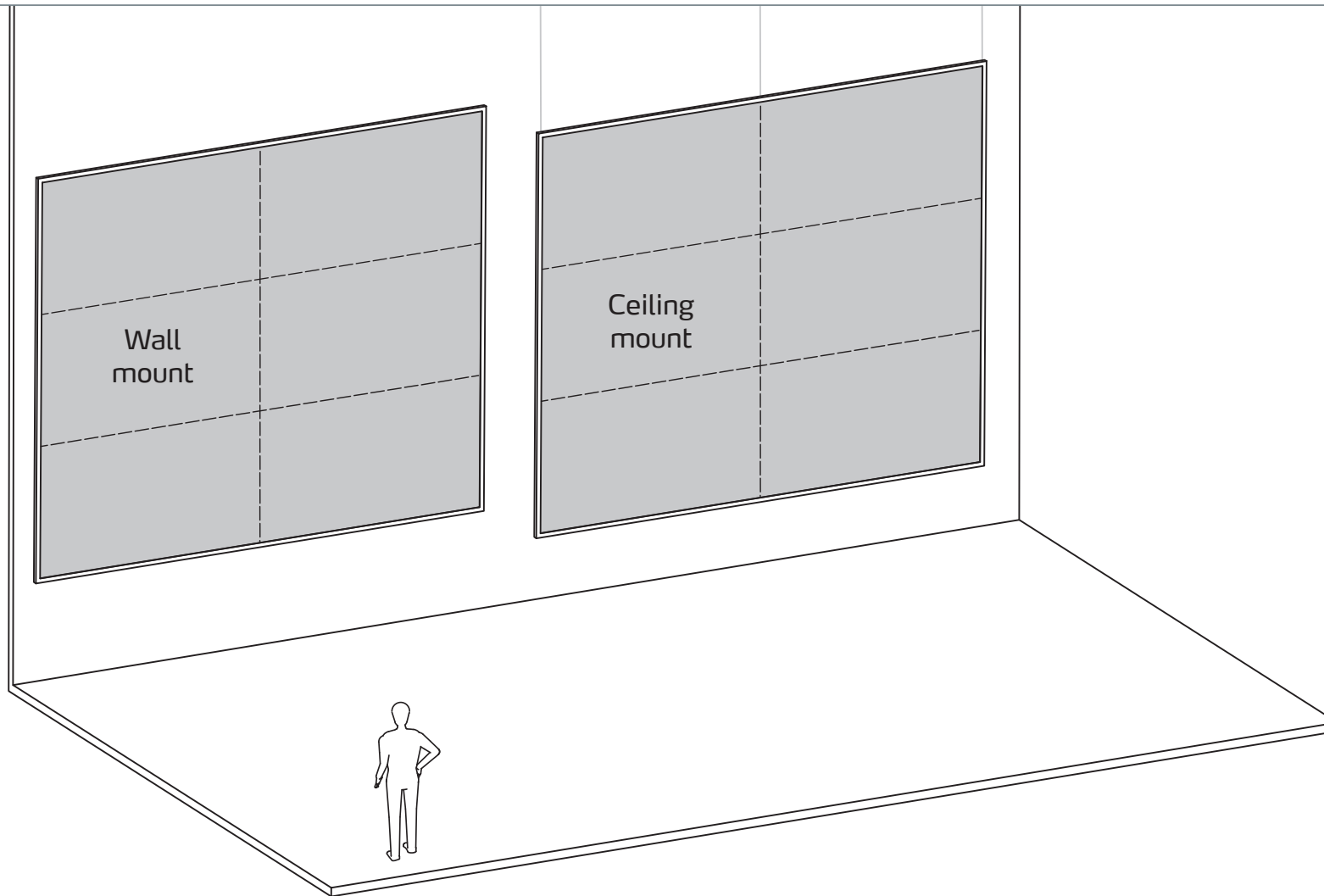
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# dnp Supernova™ Infinity 2 x 3

Max size: 5400 x 4572 mm / 212 x 180 inch | Max weight: 219 kg / 482 lbs | Ceiling mount wires (20 m.): 3 pcs.



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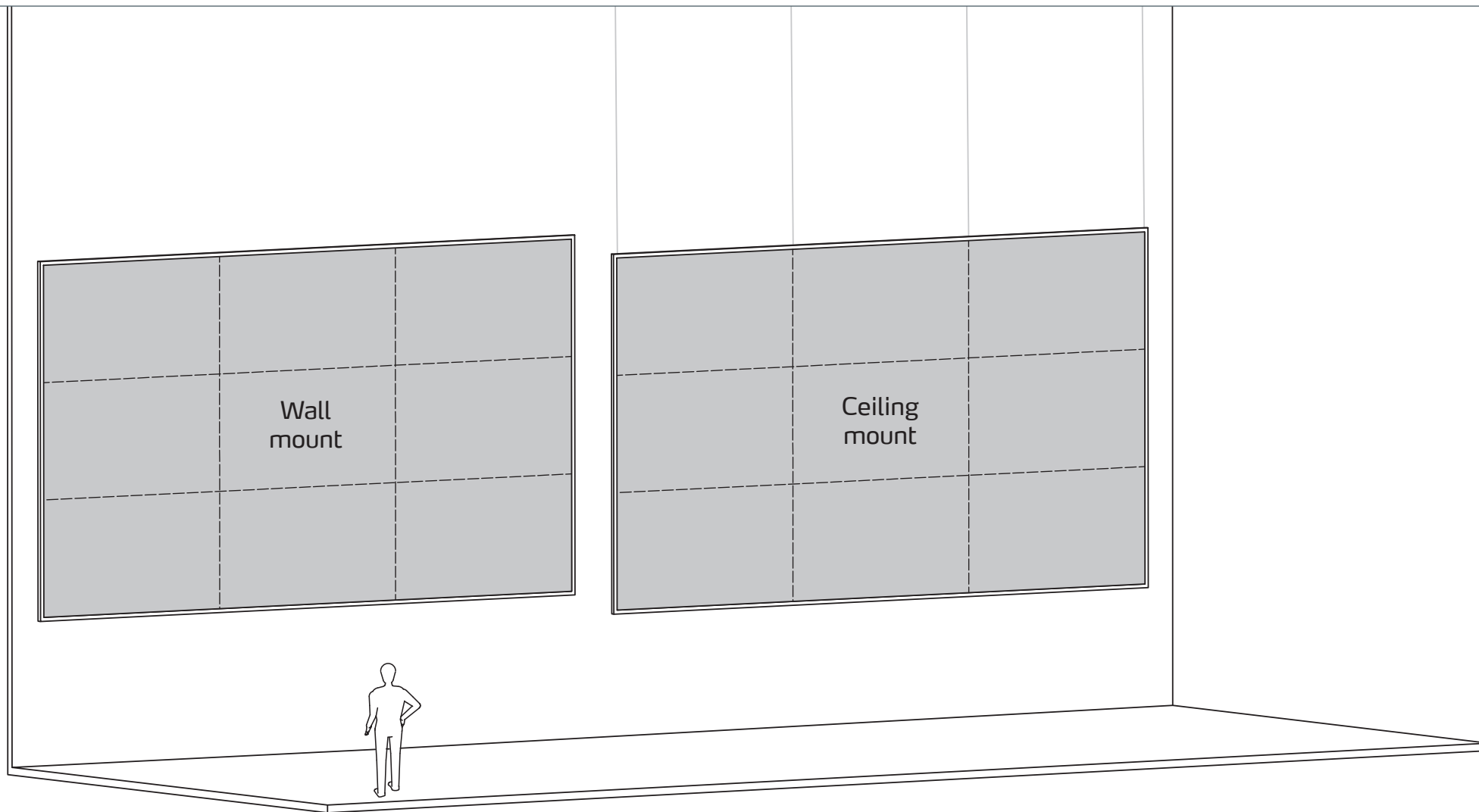
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# dnp Supernova™ Infinity 3 x 3

Max size: 8100 x 4572 mm / 319 x 180 inch | Max weight: 318 kg / 701 lbs | Ceiling mount wires (20 m.): 4 pcs.



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