

NEC MultiSync® BT421  
LCD 42" Stretched Large Format Display

## Datasheet



### Where space is limited but not your message

Delivering space efficient visualisation for constricted environments such as corridors and retail shelves, this 42" bartype display offers a distinctive ultra-wide 16:4 screen ratio. High adaptability extends to both landscape and portrait orientation ideal for space-limited areas, yet content creation remains easy and effortless. Content is crisp and clear with compelling readability even in bright ambient light conditions with high brightness levels of 700 cd/m<sup>2</sup> combined with an anti-glare surface. Its modern, slim design forms an elegant digital surface which perfectly complements the surrounding architecture and integrates seamlessly into any environment.

The 42" MultiSync® BT421 is the super wide choice for space efficient digital signage in retail environments, transportation hubs, quick service restaurants and all other public areas where space is limited.

## Benefits

**Space efficient display solution** – the ultra-wide screen ratio of 16:4 with a display height of just 28.9 cm allows installation within constricted spaces, providing crisp and eye-friendly visualisation.

**Robust and reliable** – sealed to prohibit dust ingress, long term reliable operation is maintained within wide temperature range of 0-50°C.

**Easy content adaption** – the integrated trim function enables 16:9 content to be used whilst actively displaying the upper or lower area for display of native 1920 x 480 content.

**Cost efficient media playback flexibility** – divide a single Full HD content into two separate contents via daisy chaining for back to back installations, needing only one source to feed two screens for cost saving benefits.

**Superb readability in bright light environments** – crisp playback of content thanks to high brightness output of 700 cd/m<sup>2</sup> and anti-reflective screen surface delivers clearly visible messages even under varying and demanding ambient conditions.

**Mission-critical 24/7 ready operation** – the meticulous selection of industrial-grade components and careful design focused on demanding usage scenarios accompany an impressive and continuous viewer experience.

**Cost Saving Device Management** – save effort whilst managing all connected NEC devices from a centralised location by using the NaViSet Administrator 2 software tool.

## Product Information

Product Name	NEC MultiSync® BT421
Product Group	LCD 42" Stretched Large Format Display
Order Code	60004365

## Display

Panel Technology	VA with Direct LED backlights
Active Screen Area (W x H) [mm]	1,039.7 x 259.9
Screen Size [inch/cm]	42 / 107.2
Aspect Ratio	16:4
Pixel Pitch [mm]	0.542
Brightness [cd/m <sup>2</sup> ]	700
Contrast Ratio (typ.)	4000:1
Viewing Angle [°]	178 horizontal / 178 vertical (typ. at contrast ratio 10:1)
Colour Depth [bn]	1,073 (10bit)
Response Time (typ.) [ms]	8 (grey-to-grey)
Haze Level [%]	Pro (44)
TNi [°C]	110
Supported Orientation	Landscape; Portrait

## Resolution

Native Resolution	1920 x 480			
Supported Resolutions	1920 x 1200; 1920 x 1080; 1920 x 960; 1920 x 480; 1680 x 1050;	1600 x 1200; 1440 x 900; 1400 x 1050; 1366 x 768; 1360 x 768;	1280 x 1024; 1280 x 800; 1280 x 768; 1280 x 720; 1024 x 768;	800 x 600; 640 x 480

## Connectivity

Input Video Digital	2 x DVI-D (with HDCP)
Input Control	LAN 100Mbit; RS232
Output Video Digital	1 x DVI-D

## Electrical

Power Consumption Eco/max. [W]	50 shipping; 75 (max.)
Power Savings Mode [W]	< 0.5; < 2 (Networked Standby)
Power Management	VESA DPMS

## Environmental Conditions

Operating Temperature [°C]	+0 to +50
Operating Humidity [%]	20 to 90

## Mechanical

Dimensions (W x H x D) [mm]	1,059.9 x 288.9 x 64.7
Weight [kg]	9.3
Bezel Width [mm]	14.7 (bottom); 7.9 (left and right); 9.8 (top)
VESA Mounting [mm]	200 x 100 (FDMI); 4 holes; 400 x 100 (FDMI); M6

## Available Options

Accessories	Ceiling Mount (PDC BT S(single sided); PDC BT D (dual sided); PD Pole S, PD Pole M, PD Pole L, PD Pole XL); Wall mount (PDW BT L)
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## Green Features

Energy Efficiency	Energy consumption: 59 kWh/1000 h; Energy efficiency class: G; LED backlight
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## Additional Features

Special Characteristics	NaViSet Administrator 2; Trim Function
Safety and Ergonomics	CE; REACH; RoHS; SASO
Warranty	3 years warranty incl. backlight; additional services available; optional 4. + 5. year warranty extension <sup>1</sup>
Operating Hours	24/7

<sup>1</sup> please refer to terms and conditions of warranty extensions



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