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" bar-type 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/m² 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.

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 1920x480 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/m² 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.

Product Information

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

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/m²]	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	1024 x 768;	1360 x 768;	1680 x 1050;	640 x 480;
	1280 x 1024;	1366 x 768;	1920 x 1080;	800 x 600
	1280 x 720;	1400 x 1050;	1920 x 1200;	
	1280 x 768;	1440 x 900;	1920 x 480;	
	1280 x 800;	1600 x 1200;	1920 x 960;	

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 [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

Green Features

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

Additional Features

Special Characteristics	NaViSet Administrator 2 - free download; Trim Function
Safety and Ergonomics	CE; REACH; RoHS; SASO; RCM
Warranty	3 years standard warranty; additional services and extensions available
Operating Hours	24/7

RoHS   CE   RCM

For more information:

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