# 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/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.

**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/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.

**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

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

## Display

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|---|---|
| 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

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

## Connectivity

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

## Electrical

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

## Environmental Conditions

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

## Mechanical

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|---|---|
| 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

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|---|---|
| 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) |

## Green Features

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|---|---|
| Energy Efficiency | Energy efficiency class: C |

## Additional Features

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|---|---|
| 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 |
| Operating Hours | 24/7 |

CE

RoHS