

## NEC MultiSync® LCD8205



**82" public display flagship product for digital signage and sophisticated applications in portrait and landscape formats**

- 82 inch Public Display with professional LCD panel
- High brightness and contrast values: 600 cd/m<sup>2</sup> / 2000:1
- Capable of landscape and portrait orientation
- Ambient light sensor for optimized brightness levels
- Sophisticated overheating protection

[illegible]

|                                      |                                                                                                                                                 |
|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Panel Technology                     | S-PVA LCD                                                                                                                                       |
| Active Screen Area (W x H) [mm]      | 1805,8 x 1015,7                                                                                                                                 |
| Screen Size [inch/cm]                | 82 / 207                                                                                                                                        |
| Pixel Pitch [mm]                     | 0.941 x 0.941                                                                                                                                   |
| Viewing Angle [°]                    | 178 horizontal / 178 vertical (typ. at contrast ratio 10:1)                                                                                     |
| Screen Aspect Ratio                  | 16:9                                                                                                                                            |
| Contrast Ratio (typ.)                | 2000:1                                                                                                                                          |
| Brightness (typ.) [cd/m²]            | 600                                                                                                                                             |
| Response Time (typ.) [ms]            | 8 (grey-to-grey), 16 (6 white / black; 10 black / white), 8 (tr - tf)                                                                           |
| Colours [Mio.]                       | 16.77                                                                                                                                           |
| Horizontal Frequency [kHz]           | 20 - 82 (analog and digital)                                                                                                                    |
| Vertical Frequency [Hz]              | 55 - 85                                                                                                                                         |
| Optimum Resolution                   | 1920 x 1080 at 60 Hz                                                                                                                            |
| Native Resolution                    | 1920 x 1080 at 60 Hz                                                                                                                            |
| Supported Resolutions                | 1920 x 1080; 1680 x 1050; 1600 x 1200; 1440 x 1050; 1360 x 768; 1280 x 1024; 1280 x 768; 1024 x 768; 832 x 624; 800 x 600; 720 x 400; 600 x 480 |
| Video Input                          | Analog: 1 x DVI-I; Analog: Composite (BNC + RCA); Analog: Component (BNC); Analog: 1 x S-Video; Digital: 1 x HDMI; Digital: 1 x DVI-I           |
| Audio Input                          | 1x HDMI; 3 x Cinch (RCA); 1 x Head-jack 3.5 mm                                                                                                  |
| Audio Output                         | 1x SPDIF (to HDMI)                                                                                                                              |
| Plug & Play                          | VESA DDC2B                                                                                                                                      |
| Safety and Ergonomics                | CE; C-tick; FCC Class A; UL/C-UL or CSA; PSB; RoHS                                                                                              |
| Power Consumption on Mode [W]        | 680 (typ.); 900 (max.)                                                                                                                          |
| Power Management                     | VESA DPMS                                                                                                                                       |
| Power Supply                         | 100-120 V/220-240 V; 9,5 A/4,25 A; internal power supply                                                                                        |
| Ambient Temperature (operating) [°C] | +5 to +40                                                                                                                                       |
| Ambient Humidity (operating) [%]     | 20 to 80                                                                                                                                        |
| VESA Mounting [mm]                   | 1200 x 800; M8; 400 mm, 200 mm spacing; 14 holes                                                                                                |
| Dimensions (W x H x D) [mm]          | Without stand: 1926 x 1137 x 150                                                                                                                |
| Bezel Width [mm]                     | 59 (left and right); 59 (top and bottom)                                                                                                        |
| Weight [kg]                          | Without stand: 132                                                                                                                              |
| Benefits                             | Ambient light sensor for optimized brightness levels; Overheating Protection; TileMatrix (4 x 4)                                                |
| Supported TV Standards (no tuner)    | SECAM; PAL; NTSC                                                                                                                                |
| Video Modes (no tuner)               | 480i; 480p; 576i; 576p; 2 x720p (50 and 60 Hz); 2 x 1080i (50 and 60 Hz); 2 x 1080p (50 and 60 Hz)                                              |
| Audio Functions                      | 2x 7 Watt                                                                                                                                       |
| Remote Control                       | RS-232C (9-pin D-sub) Input; D-sub 15 and DVI-D (DDC/CI); Remote Control IR                                                                     |
| Colour Versions                      | Black Front Bezel, Black Back Cabinet                                                                                                           |
| Wall Mounts                          | Optional: NEC W82                                                                                                                               |
| Shipping Content                     | Display; Power Cable; Remote Control (IR); CD-ROM (User Guides/Manuals)                                                                         |
| Warranty                             | 3 years warranty incl. backlight                                                                                                                |



**www.nec-display-solutions.com**

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