

# eDisplay specifications



|                                  |   | Outdoor Display   |                       |
|----------------------------------|---|-------------------|-----------------------|
|                                  |   | Pitch Name        | P10.0                 |
| <b>Physical Parameters</b>       | Pixel Configuration                             |                   | Single SMD            |
|                                  | Pixel Pitch (mm)                                |                   | 10.00                 |
|                                  | Screen Resolution (W × H)                       |                   | 40 × 30               |
|                                  | Screen Dimensions (W × H × D, mm)               |                   | 1,200 × 600 × 255     |
|                                  | Screen Surface Area (m <sup>2</sup> )           |                   | 0.72                  |
|                                  | Screen Weight (kg)                              |                   | 11.0                  |
|                                  | Weight per Square Meter (kg/m <sup>2</sup> )    |                   | 15.3                  |
|                                  | Physical Pixel Density (pixels/m <sup>2</sup> ) |                   | 14,400                |
|                                  | Flatness of Cabinet (mm)                        |                   | ±1.0                  |
|                                  | Backbone Material                               |                   | Al                    |
| Service Access                   |   | Front and Rear    |                       |
| <b>Optical Specifications</b>    | Max. Brightness (After Calibration, nit)        |                   | 6,000                 |
|                                  | Color Temperature (K)                           |                   | 3,500-8,500           |
|                                  | Visual Viewing Angle (H × V)                    |                   | 160 × 110             |
|                                  | Brightness Uniformity                           |                   | 97%                   |
|                                  | Color Uniformity                                |                   | ±0.05 Cx, Cy          |
|                                  | Contrast Ratio                                  |                   | 7,000 : 1             |
|                                  | Processing Depth (bit)                          |                   | 16 (HDR10, HDR10 Pro) |
| <b>Electrical Specifications</b> | Power Consumption (W, Max.)                     |                   | 300                   |
|                                  | Power Consumption (W, Avg.)                     |                   | 120                   |
|                                  | Power Consumption (W/m <sup>2</sup> , Max.)     |                   | 417                   |
|                                  | Heat Dissipation (BTU/h, Max.)                  |                   | 3,413                 |
|                                  | Heat Dissipation (BTU/h, Avg.)                  |                   | 1,365                 |
|                                  | Heat Dissipation (BTU/h/m <sup>2</sup> , Max.)  |                   | 4,740                 |
|                                  | Power Supply (V)                                |                   | 100 to 240            |
|                                  | Frame Rate (Hz)                                 |                   | 50 / 60               |
| Refresh Rate (Hz)                |   | 7,680             |                       |
| <b>Operation Specifications</b>  | LED Lifetime (Half Brightness)                  |                   | 100,000               |
|                                  | Operating Temperature (°C)                      |                   | -30 to +50            |
|                                  | Operating Humidity                              |                   | 0-90% RH              |
|                                  | IP Rating Front / Rear                          |                   | IP65 / IP65           |
| Speaker                          |   | N/A               |                       |
| Environment                      |   | RoHS, REACH       |                       |
| Controller                       |   | Embedded          |                       |
| I/O Port                         |   | HDMI (3), USB (3) |                       |

|                                  |   | Indoor Display         |                       |
|----------------------------------|---|------------------------|-----------------------|
|                                  |   | Pitch Name             | P0.78                 |
| <b>Physical Parameters</b>       | Pixel Configuration                             |                        | Micro                 |
|                                  | Pixel Pitch (mm)                                |                        | 0.78                  |
|                                  | Screen Resolution (W × H)                       |                        | 3,840 × 2,160         |
|                                  | Screen Dimensions (W × H × D, mm)               |                        | 1,200 × 600 × 255     |
|                                  | Screen Surface Area (m <sup>2</sup> )           |                        | 0.72                  |
|                                  | Screen Weight (kg)                              |                        | 11.0                  |
|                                  | Weight per Square Meter (kg/m <sup>2</sup> )    |                        | 15.3                  |
|                                  | Physical Pixel Density (pixels/m <sup>2</sup> ) |                        | 1,638,400             |
|                                  | Flatness of Cabinet (mm)                        |                        | ±0.2                  |
|                                  | Backbone Material                               |                        | Al                    |
| Service Access                   |   | Front                  |                       |
| <b>Optical Specifications</b>    | Max. Brightness (After Calibration, nit)        |                        | 500 / (Peak.) 1,000   |
|                                  | Color Temperature (K)                           |                        | 3,200-9,300           |
|                                  | Visual Viewing Angle (H × V)                    |                        | 160 × 160             |
|                                  | Brightness Uniformity                           |                        | 95%                   |
|                                  | Color Uniformity                                |                        | ±0.015 Cx, Cy         |
|                                  | Contrast Ratio                                  |                        | 25,000 : 1@ 10lux     |
|                                  | Processing Depth (bit)                          |                        | 20 (HDR10, HDR10 Pro) |
| <b>Electrical Specifications</b> | Power Consumption (W, Max.)                     |                        | 1,000                 |
|                                  | Power Consumption (W, Avg.)                     |                        | 400                   |
|                                  | Power Consumption (W/m <sup>2</sup> , Max.)     |                        | 1,389                 |
|                                  | Heat Dissipation (BTU/h, Max.)                  |                        | 4,950                 |
|                                  | Heat Dissipation (BTU/h, Avg.)                  |                        | 2,900                 |
|                                  | Heat Dissipation (BTU/h/m <sup>2</sup> , Max.)  |                        | 6,875                 |
|                                  | Power Supply (V)                                |                        | 100 to 240            |
|                                  | Frame Rate (Hz)                                 |                        | 50 / 60               |
| Refresh Rate (Hz)                |   | 3,840                  |                       |
| <b>Operation Specifications</b>  | LED Lifetime (Half Brightness)                  |                        | 100,000               |
|                                  | Operating Temperature (°C)                      |                        | 0 to +40              |
|                                  | Operating Humidity                              |                        | 10-80% RH             |
|                                  | IP Rating Front / Rear                          |                        | IP50 / IP20           |
| Speaker                          |   | Built-in (10 W + 10 W) |                       |
| Environment                      |   | RoHS, REACH            |                       |
| Controller                       |   | Embedded               |                       |
| I/O Port                         |   | HDMI (3), USB (3)      |                       |