

# digiLED iMAG SERIES



Next generation LED display technology featuring slick mechanics for true front access to all components and a seamless screen surface. Fully integrated remote diagnostics with alerts via email and SMS on all major electronic components. All-black LEDs provide exceptional contrast ratios and truly vivid colours. Silent operation and lightweight design reduces installation costs making the iMAG Series an obvious choice for indoor applications.

# MODULE SPECIFICATIONS - digiLED iMAG SERIES

|                                    |               | iMAG 2600   | iMAG 3200   | iMAG 3900  | iMAG 4600   | iMAG 5200   |
|------------------------------------|---------------|-------------|-------------|--|-------------|-------------|
| <b>LEDS</b>                        |               |             |             |  |             |             |
| LEDS Per Pixel                     |               |             |             | 1R1G1B   |             |             |
| Red Wavelength (Dominant)          | nm            |             |             | 620  |             |             |
| Green Wavelength (Dominant)        | nm            |             |             | 520  |             |             |
| Blue Wavelength (Dominant)         | nm            |             |             | 465  |             |             |
| <b>PIXELS</b>                      |               |             |             |  |             |             |
| Pixel Configuration                |               |             |             | SMD 3-in-1   |             |             |
| LED Face Colour                    |               |             |             | Black body   |             |             |
| LEDS Per Area                      | LED/module    | 116,592     | 73,008      | 49,152   | 34,992      | 27,648      |
| Physical Pixel Pitch               | mm            | 2.604       | 3.205       | 3.906  | 4.63        | 5.208       |
| Physical Pixel Resolution (Width)  | pixels/module | 96          | 156         | 128  | 108         | 96          |
| Physical Pixel Resolution (Height) | pixels/module | 96          | 156         | 128  | 108         | 96          |
| Physical Pixel Resolution (Total)  | pixels/module | 36,864      | 24,336      | 16,384   | 11,664      | 9,216       |
| Physical Pixels Per Area           | pixels/m2     | 147,456     | 97,344      | 65,536   | 46,656      | 36,864      |
| <b>MODULE</b>                      |               |             |             |  |             |             |
| Standard Active Module Width       | mm            |             |             | 500  |             |             |
| Standard Active Module Height      | mm            |             |             | 500  |             |             |
| Standard Active Module Area        | m2            |             |             | 0.25   |             |             |
| Module Depth                       | mm            | 95          | 95          | 115  | 115         | 115         |
| Module Weight                      | kg            | 11          | 11          | 9.5  | 9.5         | 9.5         |
| LED Tile Width                     | mm            |             |             | 250  |             |             |
| LED Tile Height                    | mm            |             |             | 250  |             |             |
| Viewing Angle - Horizontal         | degrees       | 160         | 160         | 160  | 160         | 140         |
| Viewing Angle - Vertical           | degrees       | 120         | 110         | 110  | 110         | 110         |
| Ingress Protection                 | (Front)       |             |             | IP54   |             |             |
| Ingress Protection                 | (Back)        |             |             | IP54   |             |             |
| Surface Finish                     |               |             |             | Aluminium  |             |             |
| LED Fixings                        |               |             |             | Front or rear access                                 |             |             |
| Storage Temperature Range          | degree C      |             |             | -10 to +40   |             |             |
| Operating Temperature Range        | degree C      |             |             | -10 to +40   |             |             |
| Operating Humidity Range           | %             |             |             | 10 to 90 Non-condensing                              |             |             |
| <b>COLOUR</b>                      |               |             |             |  |             |             |
| Processing Depth colours           |               |             |             | 16bit  |             |             |
| Refresh Rate                       | Hz            | up to 2,000 | up to 2,000 | up to 2,000  | up to 2,000 | up to 2,000 |
| LED Driven Scanning                |               | 1/16        | 1/13        | 1/16   | 1/9         | 1/8         |
| <b>BRIGHTNESS</b>                  |               |             |             |  |             |             |
| Brightness (After Calibration)     | nits          | >1,080      | >1,080      | >1,080   | >1,080      | >1,300      |
| Brightness Control                 |               |             |             | Auto/Manual  |             |             |
| Contrast ratio                     |               | 3,000:1     | 3,000:1     | 2,000:1  | 4,000:1     | 3,000:1     |
| <b>POWER</b>                       |               |             |             |  |             |             |
| Input Voltage                      | VAC           |             |             | 110-230  |             |             |
| Input Power (Average)              | watts/m2      | 168         | 168         | 168  | 168         | 144         |
| Input Power (Maximum)              | watts/m2      | 560         | 560         | 560  | 560         | 480         |
| <b>OTHER</b>                       |               |             |             |  |             |             |
| Lifespan                           | hours         |             |             | >100,000   |             |             |
| Computer System Type               |               |             |             | PC Win7, Vista, XP                                   |             |             |
| Video Input                        |               |             |             | DVI, HDMI  |             |             |
| Connection Method                  |               |             |             | HSYV   |             |             |
| Connectors                         |               |             |             | USB and RJ45   |             |             |
| Control System                     |               |             |             | digiLED Navigator NV                                 |             |             |
| Remote Diagnostics                 |               |             |             | Yes (on all major components) (alerts via email/SMS) |             |             |
| Certification                      |               |             |             | CE Class A, (TUV), FCC                               |             |             |

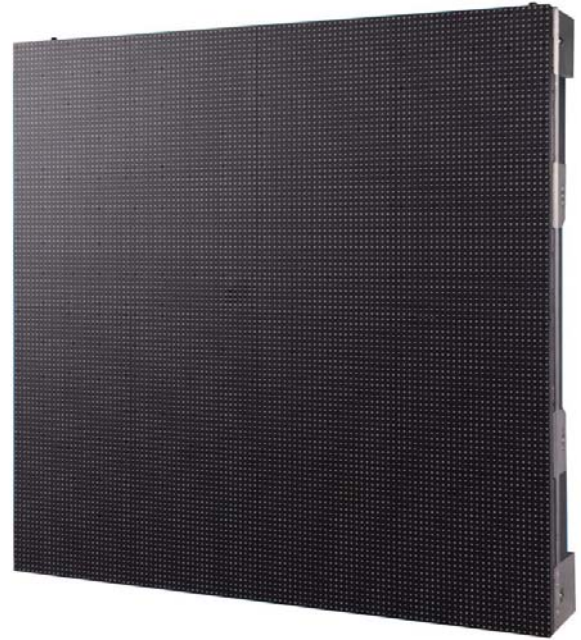
All specifications are correct at time of print, however they are liable to change and should be confirmed at point of order



# digiLED iMAG Module Information



REAR



FRONT

