

# DGLED-Indoor

## Full-Color LED Display



· Displays position prompt of signal cable connection, convenient for quick connection of display unit and troubleshooting



· Acquires network statuses of receiving cards to help handle network communication problems



· Network loop backup improves product stability



· Dual-program backup enables the backup program of receiving cards for upgrade and restoration when exception occurs during program upgrading



· Loads parameters from the screen



· Low gray scale multiplication technology ensures more exquisite images

# Specifications

| Model                                         | DG01-A1P15                                                                 | DG01-A1P18                                | DG01-A1P25                                | DG01-A1P30                                |
|-----------------------------------------------|----------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|-------------------------------------------|
| <b>Cabinet Parameters</b>                     |                                                                            |                                           |                                           |                                           |
| Modules Component                             | 3*2                                                                        | 3*2                                       | 3*2                                       | 5*5                                       |
| Dimensions (WxHxD)                            | 640*480*65mm                                                               | 640*480*65mm                              | 640*480*65mm                              | 960*960*100mm                             |
| Resolution                                    | 426*313                                                                    | 344*258                                   | 256*128                                   | 320*320                                   |
| Area                                          | 0.3072m <sup>2</sup>                                                       | 0.3072m <sup>2</sup>                      | 0.3072m <sup>2</sup>                      | 0.9216m <sup>2</sup>                      |
| Weight                                        | 8.6KG                                                                      | 8.6KG                                     | 8.6KG                                     | 18KG                                      |
| Lamp Board Housing                            | no housing                                                                 | no housing                                | no housing                                | no housing                                |
| Cabinet Material                              | Die-cast aluminum                                                          | Die-cast aluminum                         | Die-cast aluminum                         | Die-cast aluminum                         |
| Maintenance Method                            | Front maintenance for all components                                       | Front maintenance for all components      | Front maintenance for all components      | Front maintenance for all components      |
| Cabinet Flatness                              | 0.1mm                                                                      | 0.1mm                                     | 0.1mm                                     | 0.1mm                                     |
| Protection Level                              | Front protection level IP5X                                                | Front protection level IP5X               | Front protection level IP5X               | Front protection level IP5X               |
| <b>Module parameters</b>                      |                                                                            |                                           |                                           |                                           |
| Pixel pitch                                   | 1.5mm                                                                      | 1.8mm                                     | 2.5mm                                     | 3.0mm                                     |
| Pixel Density                                 | 422,500Dots/m <sup>2</sup>                                                 | 288,906Dots/m <sup>2</sup>                | 160,000Dots/m <sup>2</sup>                | 111,111Dots/m <sup>2</sup>                |
| Pixel Configuration                           | 1R1G1B                                                                     | 1R1G1B                                    | 1R1G1B                                    | 1R1G1B                                    |
| LED Encapsulation                             | CEC (China Electronics) Encapsulation, with Chip-on-Board (COB) technology | SMD1515                                   | SMD2121                                   | SMD2121                                   |
| Size                                          | 320*160*14.7mm                                                             | 320*160*14.7mm                            | 320*160*14.7mm                            | 192*192*14.7mm                            |
| Weight                                        | 0.43kg±0.01kg                                                              | 0.43kg±0.01kg                             | 0.43kg±0.01kg                             | 0.33kg±0.01kg                             |
| Structural Features                           | Integrated Lamp and Driver                                                 | Soft Connection                           | Soft Connection                           | Soft Connection                           |
| Module Resolution                             | 209*104                                                                    | 172*86                                    | 128*64                                    | 64*64                                     |
| Input Voltage (DC)                            | 4.2~4.5V                                                                   | 4.2~4.5V                                  | 4.2~4.5V                                  | 4.2~4.5V                                  |
| Maximum Current                               | ≤4.5A                                                                      | ≤4.5A                                     | ≤4A                                       | ≤4A                                       |
| Signal Input Interface Type                   | HUB75 (two sets of data)                                                   | HUB75 (two sets of data)                  | HUB75 (two sets of data)                  | HUB75 (two sets of data)                  |
| Cascade                                       | Not Available for Cascade                                                  | Not Available for Cascade                 | Not Available for Cascade                 | Not Available for Cascade                 |
| Module Power                                  | ≤40                                                                        | ≤20.25W                                   | ≤18W                                      | ≤22W                                      |
| Driving Mode                                  | Constant drive                                                             | Constant Current Driving                  | Constant Current Driving                  | Constant Current Driving                  |
| Brightness                                    | ≥800cd/m <sup>2</sup>                                                      | ≥800cd/m <sup>2</sup>                     | ≥800cd/m <sup>2</sup>                     | ≥800cd/m <sup>2</sup>                     |
| Brightness Uniformity                         | >0.95                                                                      | >0.95                                     | >0.95                                     | >0.95                                     |
| Horizontal Viewing Angle                      | 160±10 degrees                                                             | 160±10 degrees                            | 160±10 degrees                            | 140±10 degrees                            |
| Vertical Viewing Angle                        | 120±10 degrees                                                             | 140±10 degrees                            | 140±10 degrees                            | 130±10 degrees                            |
| Best Viewing Distance                         | ≥1.53m                                                                     | ≥5.5m                                     | ≥7.5m                                     | ≥3m                                       |
| Usage Environment                             | Indoor                                                                     | Indoor                                    | Indoor                                    | Indoor                                    |
| Service Life                                  | ≥100,000 Hours                                                             | ≥100,000 Hours                            | ≥100,000 Hours                            | ≥100,000 hours                            |
| Mean Time Between Failures (MTBF)             | ≥5,000 Hours                                                               | ≥5,000 Hours                              | ≥5,000 Hours                              | ≥5,000 hours                              |
| Attenuation Rate (after 3 years of operation) | ≤10%                                                                       | ≤10%                                      | ≤10%                                      | ≤10%                                      |
| Continuous Out-of-Control Points              | 0                                                                          | 0                                         | 0                                         | 0                                         |
| Discrete Out-of-Control Points                | <30PPM, 0 at the time of factory shipment                                  | <30PPM, 0 at the time of factory shipment | <30PPM, 0 at the time of factory shipment | <30PPM, 0 at the time of factory shipment |
| Dead Pixel Rate                               | <50PPM, 0 at the time of factory shipment                                  | <50PPM, 0 at the time of factory shipment | <50PPM, 0 at the time of factory shipment | <50PPM, 0 at the time of factory shipment |
| Operating Temperature Range                   | -20°C-40°C                                                                 | -20°C-40°C                                | -20°C-40°C                                | -20°C-40°C                                |
| Operating Humidity Range                      | 10%-65%RH (non-condensing)                                                 | 10%-65%RH (non-condensing)                | 10%-65%RH (non-condensing)                | 10%-65%RH (non-condensing)                |
| Module Flatness                               | <0.2mm                                                                     | <0.2mm                                    | <0.2mm                                    | <0.2mm                                    |

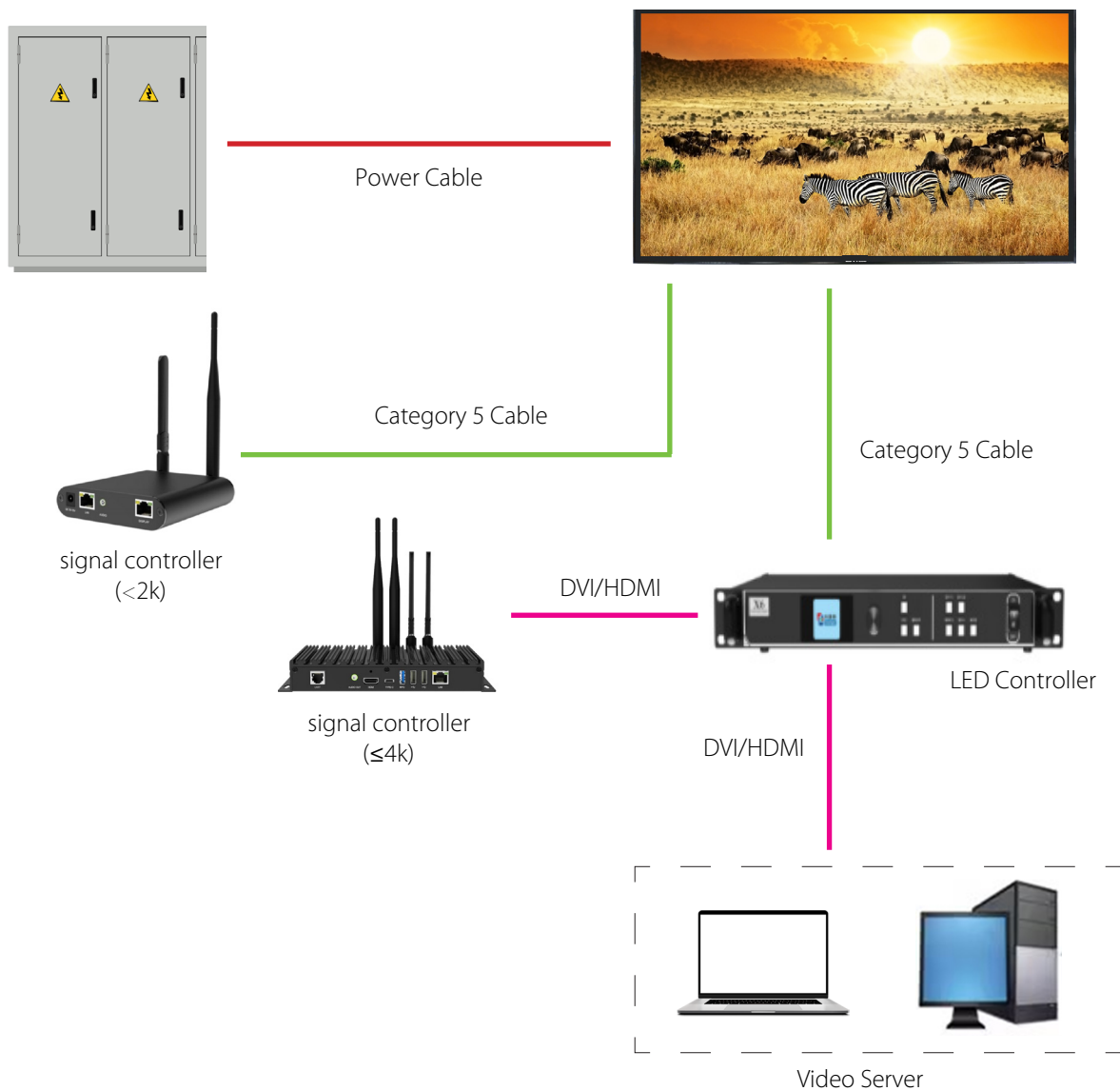
- **Available Model**

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- **Typical Application**

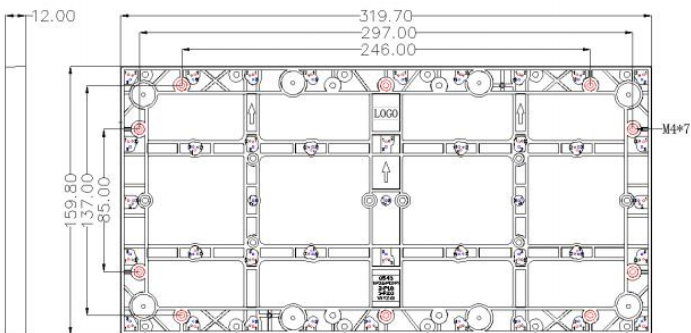
**Note**

- Power Cable
- Category 5 Cable
- DVI/HDMI

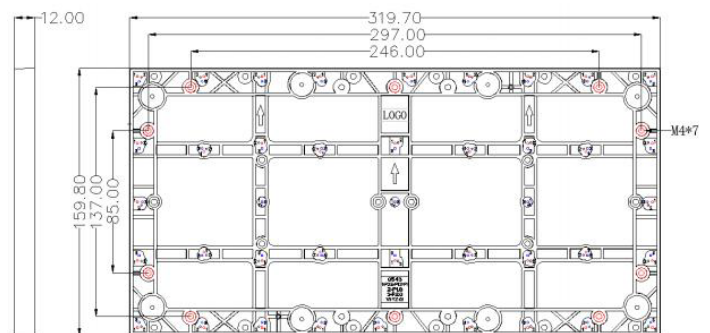


## • Dimensions

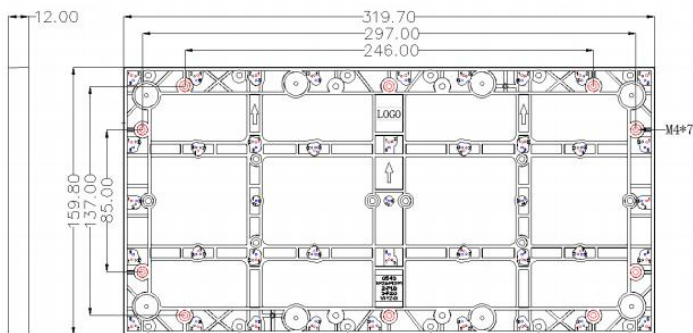
### • P1.5



### • P1.8



### • P2.5



### • P3.0

