



**Applications:**

All kinds of shopping mall, stadium, bank, post office, securities company, telecom, station, insurance company and all kinds of entertainment clubs.

**Features:**

- ◆ Rich color, high saturation and even color effects.
- ◆ Applying physical pixel display technology can present clear, fine and vivid effects regardless of picture or text.
- ◆ Installed with face shield, which can effectively prolong display's lifetime.

Cabinet Module front view



Cabinet Module back view



Standard dimensions for Pitch 7.62  
(different dimensions and video formats available on request)

| Standard modules | Area (m <sup>2</sup> ) | Dimensions (mm) | viewing resolution | Viewing graphic definition | Pitch (mm) | Total weight(kg) | Horizontal viewing angle | Brightness (nit) |
|------------------|------------------------|-----------------|--------------------|----------------------------|------------|------------------|--------------------------|------------------|
| 3x1              | 3                      | 2928x1098       | 17222              | 384x144                    | 7.62       | 162.00           | 120°                     | 1200             |
| 4.5x1.5          | 6.75                   | 4636x1586       | 17222              | 608x208                    | 7.62       | 370.50           | 120°                     | 1200             |
| 6x2.5            | 15                     | 6100x2318       | 17222              | 800x304                    | 7.62       | 712.50           | 120°                     | 1200             |
| 9x3              | 27                     | 9028x3050       | 17222              | 1184x400                   | 7.62       | 3420.00          | 120°                     | 1200             |
| 10x4             | 40                     | 10492x3782      | 17222              | 1376x496                   | 7.62       | 4987.50          | 120°                     | 1200             |

**Indoor SMD full-color display (reference)**

| Item                   | PH5 (full color)  | PH6 (full color)          | PH7.62 (full color)       | PH8 (full color)          | PH10 (full color)         | PH12 (full color)         | PH14 (full color)         | PH20 (full color)         |
|------------------------|---|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| Product Code           | PH5-D-A   | PH6-D-A                   | PH7.62-D-A                | PH8-D-A                   | PH10-D-A                  | PH12-D-A                  | PH14-D-A                  | PH20-D-A                  |
| LED Configuration      | Merge 3 in 1  | Merge 3 in 1              | Merge 3 in 1              | Merge 3 in 1              | Merge 3 in 1              | Merge 3 in 1              | Merge 3 in 1              | Merge 3 in 1              |
| Pixel Pitch            | 5mm   | 6mm                       | 7.62mm                    | 8mm                       | 10mm                      | 12mm                      | 14mm                      | 20mm                      |
| Pixel Density          | 40000dots/m <sup>2</sup>  | 27777dots/m <sup>2</sup>  | 17222dots/m <sup>2</sup>  | 15625dots/m <sup>2</sup>  | 10000dots/m <sup>2</sup>  | 6944dots/m <sup>2</sup>   | 5102dots/m <sup>2</sup>   | 2500dots/m <sup>2</sup>   |
| Lamp color             | 1R1PG1B   | 1R1PG1B                   | 1R1PG1B                   | 1R1PG1B                   | 1R1PG1B                   | 1R1PG1B                   | 1R1PG1B                   | 1R1PG1B                   |
| Module Dimensions      | 160mm*80mm  | 192mm*96mm                | 244mm*122mm               | 256mm*128mm               | 320mm*160mm               | 192mm*192mm               | 224mm*224mm               | 320mm*160mm               |
| Physical Resolution    | 32*16   | 32*16                     | 32*16                     | 32*16                     | 32*16                     | 16*16                     | 16*16                     | 16*8                      |
| Tile Dimensions        | 640mm*480   | 768*576                   | 732*488                   | 768*512                   | 640*480                   | 768*576                   | 896*672                   | 1280*960                  |
| Tile Resolution        | 128*96  | 128*96                    | 96*64                     | 96*64                     | 64*48                     | 64*48                     | 64*48                     | 64*48                     |
| Viewing Distance       | ≥4m   | ≥6m                       | ≥6m                       | ≥8m                       | ≥10m                      | ≥12m                      | ≥15m                      | ≥18m                      |
| Viewing Angle          | 140°  | 140°                      | 140°                      | 140°                      | 140°                      | 140°                      | 140°                      | 140°                      |
| Power Consumption      | 900W/m <sup>2</sup>   | 1200W/m <sup>2</sup>      | 1100W/m <sup>2</sup>      | 700W/m <sup>2</sup>       | 750W/m <sup>2</sup>       | 2000W/m <sup>2</sup>      | 1500W/m <sup>2</sup>      | 150W/m <sup>2</sup>       |
| Control Method         | Synchronization operation   | Synchronization operation | Synchronization operation | Synchronization operation | Synchronization operation | Synchronization operation | Synchronization operation | Synchronization operation |
| Drive IC               | Constant current  | Constant current          | Constant current          | Constant current          | Constant current          | Constant current          | Constant current          | Constant current          |
| Drive Method           | 1/16 Scan   | 1/8 Scan                  | 1/4 Scan                  | 1/8Scan                   | 1/4Scan                   | Static                    | Static                    | Static                    |
| Frame Rate             | ≥60Hz   | ≥60Hz                     | ≥60Hz                     | ≥60Hz                     | ≥60Hz                     | ≥60Hz                     | ≥60Hz                     | ≥60Hz                     |
| Refresh Rate           | ≥180Hz  | ≥180Hz                    | ≥180Hz                    | ≥180Hz                    | ≥180Hz                    | ≥180Hz                    | ≥180Hz                    | ≥180Hz                    |
| Brightness             | ≥1000   | ≥1100                     | ≥1200                     | ≥700                      | ≥500                      | ≥1800                     | ≥1200                     | ≥150                      |
| Temperature Range      | -10°C ~ 50°C  |                           |                           |                           |                           |                           |                           |                           |
| Working Voltage        | AC: 220/110V/-15%   |                           |                           |                           |                           |                           |                           |                           |
| Grey Scale             | 16 Million full color Synchronization   |                           |                           |                           |                           |                           |                           |                           |
| Brightness adjustable  | Soft 16 Grade adjustment  |                           |                           |                           |                           |                           |                           |                           |
| IPC                    | WINXP,WIN2000,WIN98,etc.  |                           |                           |                           |                           |                           |                           |                           |
| Video Signal           | RF,S-VideoRGB,RGBHV,YUV,YC,COMPOSITION, etc.  |                           |                           |                           |                           |                           |                           |                           |
| Adopted Control System | PCTV Card ( optional)+ DVI graphic card + Main Control card + Optical Fiber Transmission ( optional ) |                           |                           |                           |                           |                           |                           |                           |
| MTTF                   | ≥9000 hours   |                           |                           |                           |                           |                           |                           |                           |
| Life                   | 35000 hours   |                           |                           |                           |                           |                           |                           |                           |
| Dead Dot               | < 0.0001  |                           |                           |                           |                           |                           |                           |                           |
| Software               | LED Studio( MDK )   |                           |                           |                           |                           |                           |                           |                           |

