

PRODUCT CATALOG

# Commercial Display

2022 H2





**HIKVISION®**





# LCD Video Wall

## See It Better

- > Ultra-narrow bezel widths: 0.88, 1.8, and 3.5 mm
- > Industrial-grade panel and structure design
- > Precise in-factory color calibration
- > Various modes for multiple scenarios
- > Advanced UHD (4K) Splicing
- > Anti-static/Radiation protection



| Model               |                          | DS-D2046LU-Y  | DS-D2049LU-Y  | DS-D2055LU-Y  | DS-D2055HU-Y  |
|---------------------|--------------------------|---|---|---|---|
| Image               |                          |  |  |  |  |
| Display             | Diagonal Size (inch)     | 46"   | 49"   | 55"   | 55"   |
|                     | Backlight                | LED Backlight (Direct type)   | LED Backlight (Direct type)   | LED Backlight (Direct type)   | LED Backlight (Direct type)   |
|                     | Panel                    | IPS   | IPS   | IPS   | IPS   |
|                     | Resolution               | 1920 x 1080   | 1920 x 1080   | 1920 x 1080   | 1920 x 1080   |
|                     | Color                    | 16.7M   | 16.7M   | 16.7M   | 16.7M   |
|                     | Visual Angle             | Horizontal: 178°, Vertical: 178°  | Horizontal: 178°, Vertical: 178°  | Horizontal: 178°, Vertical: 178°  | Horizontal: 178°, Vertical: 178°  |
|                     | Response Time            | 8 ms (G to G)   | 8 ms (G to G)   | 8 ms (G to G)   | 8 ms (G to G)   |
|                     | Contrast                 | 1200:1  | 1200:1  | 1200:1  | 1200:1  |
|                     | Brightness               | 500 cd/m <sup>2</sup>   | 700 cd/m <sup>2</sup>   | 500 cd/m <sup>2</sup>   | 700 cd/m <sup>2</sup>   |
|                     | Dot Pitch (H×V)          | 0.53 mm × 0.53 mm<br>(0.021" × 0.021")  | 0.56 mm × 0.56 mm<br>(0.022" × 0.022")  | 0.63 mm × 0.63 mm<br>(0.025" × 0.025")  | 0.63 mm × 0.63 mm<br>(0.025" × 0.025")  |
|                     | Color Saturation         | 72%   | 72%   | 72%   | 72%   |
|                     | Screen Moving Area (H×V) | 1018.08 mm × 572.67 mm (40.08" × 22.55")  | 1074.24 mm × 604.26 mm<br>(42.29" × 23.78")   | 1209.63 mm × 680.34 mm<br>(47.62" × 26.78")   | 1209.63 mm × 680.34 mm<br>(47.62" × 26.78")   |
| Side Frame Size     | Physical Seam            | 3.5 mm (0.14")  | 3.5 mm (0.14")  | 3.5 mm (0.14")  | 3.5 mm (0.14")  |
| Interface           | Input Interface          | VGA × 1, HDMI × 1, DVI × 1, DP × 1, USB × 1                                       | VGA × 1, HDMI × 1, DVI × 1, DP × 1, USB × 1   | VGA × 1, HDMI × 1, DVI × 1, DP × 1, USB × 1   | VGA × 1, HDMI × 1, DVI × 1, DP × 1, USB × 1   |
|                     | Output Interface         | HDMI × 1  | HDMI × 1  | HDMI × 1  | HDMI × 1  |
|                     | Control Interface        | RS232 IN × 1, RS232 OUT × 1   | RS232 IN × 1, RS232 OUT × 1   | RS232 IN × 1, RS232 OUT × 1   | RS232 IN × 1, RS232 OUT × 1   |
| Power               | Power Consumption        | 111 W   | 134 W   | 187 W   | 235 W   |
|                     | Power Requirement        | 100 to 240 VAC, 50 or 60 Hz   | 100 to 240 VAC, 50 or 60 Hz   | 100 to 240 VAC, 50 or 60 Hz   | 100 to 240 VAC, 50 or 60 Hz   |
| Working Environment | Operating Temperature    | 0 °C to 40 °C (32 °F to 104 °F)   | 0 °C to 40 °C (32 °F to 104 °F)   | 0 °C to 40 °C (32 °F to 104 °F)   | 0 °C to 40 °C (32 °F to 104 °F)   |
|                     | Operating Humidity       | 10% to 80% (No Condensation)  | 10% to 80% (No Condensation)  | 10% to 80% (No Condensation)  | 10% to 80% (No Condensation)  |
|                     | Working Life             | ≥ 60,000 Hours  | ≥ 60,000 Hours  | ≥ 60,000 Hours  | ≥ 60,000 Hours  |
| Physical Features   | Dimension (W×H×D)        | 1021.98 mm × 576.57 mm × 72.25 mm (40.24" × 22.7" × 2.84")                        | 1078.34 mm × 608.36 mm × 72.8 mm (42.45" × 23.95" × 2.87")                          | 1213.5 mm × 684.3 mm × 71.74 mm (47.78" × 26.94" × 2.82")                           | 1213.5 mm × 684.3 mm × 71.74 mm (47.78" × 26.94" × 2.82")                           |
|                     | Frame Width              | 2.3 mm (top/left)<br>1.2 mm (bottom/right)  | 2.3 mm (top/left)<br>1.2 mm (bottom/right)  | 2.3 mm (top/left)<br>1.2 mm (bottom/right)  | 2.3 mm (top/left)<br>1.2 mm (bottom/right)  |
|                     | Bracket                  | -   | -   | -   | -   |

| Model               |                          | DS-D2055LE-G  | DS-D2055HE-G  | DS-D2055LR-G  | DS-D2055HR-G  |
|---------------------|--------------------------|---|---|---|---|
| Image               |                          |  |  |  |  |
| Display             | Diagonal Size (inch)     | 55"   | 55"   | 55"   | 55"   |
|                     | Backlight                | LED Backlight (Direct type)   | LED Backlight (Direct type)   | LED Backlight (Direct type)   | LED Backlight (Direct type)   |
|                     | Panel                    | IPS   | IPS   | IPS   | IPS   |
|                     | Resolution               | 1920 x 1080   | 1920 x 1080   | 1920 x 1080   | 1920 x 1080   |
|                     | Color                    | 1.07 Billion  | 1.07 Billion  | 1.07 Billion  | 1.07 Billion  |
|                     | Visual Angle             | Horizontal: 178°, Vertical: 178°  | Horizontal: 178°, Vertical: 178°  | Horizontal: 178°, Vertical: 178°  | Horizontal: 178°, Vertical: 178°  |
|                     | Response Time            | 8 ms (G to G)   | 8 ms (G to G)   | 8 ms (G to G)   | 8 ms (G to G)   |
|                     | Contrast                 | 1400:1  | 1400:1  | 1200:1  | 1100:1  |
|                     | Brightness               | 500 cd/m <sup>2</sup>   | 700 cd/m <sup>2</sup>   | 500 cd/m <sup>2</sup>   | 700 cd/m <sup>2</sup>   |
|                     | Dot Pitch (H×V)          | 0.63 mm × 0.63 mm<br>(0.025" × 0.025")  | 0.63 mm × 0.63 mm<br>(0.025" × 0.025")  | 0.63 mm × 0.63 mm<br>(0.025" × 0.025")  | 0.63 mm × 0.63 mm<br>(0.025" × 0.025")  |
|                     | Color Saturation         | 72%   | 72%   | 72%   | 72%   |
|                     | Screen Moving Area (H×V) | 1209.6 mm × 680.3 mm<br>(47.62" × 26.78")   | 1209.6 mm × 680.3 mm<br>(47.62" × 26.78")   | 1209.63 mm × 680.34 mm<br>(47.62" × 26.78")   | 1209.63 mm × 680.34 mm<br>(47.62" × 26.78")   |
|                     | Side Frame Size          | Physical Seam   | 1.8 mm (0.07")  | 1.8 mm (0.07")  | 0.88 mm (0.034")  |
| Interface           | Input Interface          | VGA × 1, HDMI × 1, DVI × 1, DP × 1, USB × 1                                       | VGA × 1, HDMI × 1, DVI × 1, DP × 1, USB × 1   | VGA × 1, HDMI × 1, DVI × 1, DP × 1, USB × 1   | VGA × 1, HDMI × 1, DVI × 1, DP × 1, USB × 1   |
|                     | Output Interface         | HDMI × 1  | HDMI × 1  | HDMI × 1  | HDMI × 1  |
|                     | Control Interface        | RS232 IN × 1, RS232 OUT × 1   | RS232 IN × 1, RS232 OUT × 1   | RS232 IN × 1, RS232 OUT × 1   | RS232 IN × 1, RS232 OUT × 1   |
| Power               | Power Consumption        | 192 W   | 230 W   | 192 W   | 230 W   |
|                     | Power Requirement        | 100 to 240 VAC, 50 or 60 Hz   | 100 to 240 VAC, 50 or 60 Hz   | 100 to 240 VAC, 50 or 60 Hz   | 100 to 240 VAC, 50 or 60 Hz   |
| Working Environment | Operating Temperature    | 0 °C to 40 °C (32 °F to 104 °F)   | 0 °C to 40 °C (32 °F to 104 °F)   | 0 °C to 40 °C (32 °F to 104 °F)   | 0 °C to 40 °C (32 °F to 104 °F)   |
|                     | Operating Humidity       | 10% to 90% (No Condensation)  | 10% to 90% (No Condensation)  | 10% to 90% (No Condensation)  | 10% to 90% (No Condensation)  |
|                     | Working Life             | ≥ 60,000 Hours  | ≥ 60,000 Hours  | ≥ 60,000 Hours  | ≥ 60,000 Hours  |
| Physical Features   | Dimension (W×H×D)        | 1211.54 mm × 682.34 mm × 68.9 mm (47.7" × 26.86" × 2.71")                         | 1211.54 mm × 682.34 mm × 68.9 mm (47.7" × 26.86" × 2.71")                           | 1210.81 mm × 681.76 mm × 68.9 mm (47.67" × 26.84" × 2.71")                          | 1210.81 mm × 681.76 mm × 68.9 mm (47.67" × 26.84" × 2.71")                          |
|                     | Frame Width              | 0.9 mm (top/left)<br>0.9 mm (bottom/right)  | 0.9 mm (top/left)<br>0.9 mm (bottom/right)  | 0.44 mm (top/left)<br>0.44 mm (bottom/right)  | 0.44 mm (top/left)<br>0.44 mm (bottom/right)  |
|                     | Bracket                  | -   | -   | -   | -   |



# LED Display

## Brighten Every Moment




- Pix Master Pixel Control – Proprietary image processing technology enhances image clarity without loss of detail.
- Top Grey Level – 22-bit top grey level brings you a wider range of color grades
- Remote Control – Remote controller meets all your needs, including display modes adjustments & signal source switches, brightness level, automatic dehumidification and blue light filtering
- User-friendly Design – Flexible installation with floor-standing, wall-mounting, and hoisting methods to choose from; easier maintenance with front magnetic wireless module design
- Automatic Dehumidification – Automatic dehumidification function lowers light failures by 30% on average, effectively lengthening lifespan
- Energy-saving design and up to 10,000 nits for outdoor LED displays



**Indoor LED Display**

| Model                  |   | DS-D4209CI-ZWDB   | DS-D4212CI-ZWDB   |
|------------------------|---|---|---|
| Image                  |   |  |  |
| Module Composition     | Pixel Structure                         | Flip Chip COB LED   |   |
|                        | Pixel Pitch (mm)                        | 0.93 mm   | 1.25 mm   |
|                        | Unit Module Composition (W × H)         | 3*4   |   |
| Unit Composition       | Unit Resolution (W × H)                 | 640 × 360   | 480 × 270   |
|                        | Unit Dimensions (W × H)                 | 600 × 337.5 mm  |   |
|                        | Weight                                  | 6.5 Kg ( 14.3 lb )  |   |
|                        | Pixel Density                           | 1137777 dots/m <sup>2</sup>   | 640000 dots/m <sup>2</sup>  |
|                        | Unit Ratio                              | 16:9  |   |
|                        | Maintenance Mode                        | Front-maintenance   |   |
| Optical Parameters     | Brightness (nits)                       | 600 nits  |   |
|                        | Color Temperature                       | 3,000 K to 10,000 K adjustable  |   |
|                        | Viewing Angle                           | Horizontal 160°, vertical 160°  |   |
|                        | Brightness Uniformity                   | ≥ 97%   |   |
|                        | Color Uniformity                        | ≤ ± 0.003Cx, Cy   |   |
|                        | Max. Contrast                           | ≥ 15,000 : 1  |   |
| Electrical Parameters  | Peak Consumption (W/m <sup>2</sup> )    | ≤ 524 W/m <sup>2</sup>  | ≤ 393 W/m <sup>2</sup>  |
|                        | Average Consumption (W/m <sup>2</sup> ) | < 178 W/m <sup>2</sup>  | < 134 W/m <sup>2</sup>  |
|                        | Power Supply                            | AC100-240V(50-60Hz)   |   |
| Processing Performance | Drive Mode                              | Constant current driving  |   |
|                        | Frame Rate                              | 60 Hz   |   |
|                        | Refresh Rate                            | 3,840 Hz  |   |
| General                | Service Life (H)                        | Lamp 100,000 hours  |   |
|                        | Temperature                             | -10 to 40 °C (10 to 104 °F)   |   |
|                        | Humidity (RH)                           | 10%-80%RH   |   |
|                        | Certification                           | CE-EMC, CE-LVD, CB-LVD, RoHS  |   |

| Model                    |   | DS-D4212FI-GWF/III  | DS-D4215FI-GWF/III  | DS-D4215FI-CWF/III  | DS-D4218FI-CWF/III  | DS-D4225FI-CWF/III  |
|--------------------------|---|---|---|---|---|---|
| Image                    |   |  |  |  |  |  |
| Module Composition       | Pixel Structure                         | Gold Wire SMD Triad LED   |   | Copper Wire SMD Triad LED   |   |   |
|                          | Pixel Pitch                             | 1.25 mm   | 1.5625 mm   |   | 1.875 mm  | 2.48 mm   |
|                          | Module Component                        | 2 × 4   |   |   |   |   |
| Unit Composition         | Unit Resolution (W x H)                 | 480 × 270   | 384 × 216   |   | 320 × 180   | 240 × 136   |
|                          | Unit Dimensions (W x H)                 | 600 x 337.5 mm  |   |   |   |   |
|                          | Weight                                  | 5.4 Kg (11.9 lb)  |   |   |   |   |
|                          | Pixel Density                           | 640,000 dots/m <sup>2</sup>   | 409,600 dots/m <sup>2</sup>   |   | 284,444 dots/m <sup>2</sup>   | 161,185 dots/m <sup>2</sup>   |
|                          | Unit Ratio                              | 16:9  |   |   |   |   |
|                          | Maintenance Mode                        | Front-maintenance   |   |   |   |   |
| Optical Parameters       | Brightness                              | 800 nits  |   |   |   |   |
|                          | Color Temperature                       | 3,000 K to 10,000 K adjustable  |   |   |   |   |
|                          | Viewing Angle                           | Horizontal 160°, vertical 160°  |   |   |   |   |
|                          | Brightness Uniformity                   | ≥ 97%   |   |   |   |   |
|                          | Color Uniformity                        | ≤ ± 0.003Cx, Cy   |   |   |   |   |
|                          | Contrast Ratio                          | ≥ 5,000 : 1   |   |   |   |   |
| Electrical Parameters    | Peak Consumption                        | ≤ 600 W/m <sup>2</sup>  | ≤ 450 W/m <sup>2</sup>  |   | 345 W/m <sup>2</sup>  | 375 W/m <sup>2</sup>  |
|                          | Average Consumption (W/m <sup>2</sup> ) | < 200 W/m <sup>2</sup>  | < 150 W/m <sup>2</sup>  |   | 115 W/m <sup>2</sup>  | 125 W/m <sup>2</sup>  |
|                          | Power Supply                            | 110-220 VAC ± 15%   |   |   |   |   |
| "Processing Performance" | Drive Mode                              | Constant current driving  |   |   |   |   |
|                          | Frame Rate                              | 60 Hz   |   |   |   |   |
|                          | Refresh Rate                            | 3,840 Hz  |   |   |   |   |
| General                  | Service Life (H)                        | Lamp 100,000 hours  |   |   |   |   |
|                          | Temperature                             | -10 to 40 °C (10 to 104 °F)   |   |   |   |   |
|                          | Humidity (RH)                           | 10%-80%RH   |   |   |   |   |
|                          | Certification                           | CE-EMC, CE-LVD, CB-LVD, RoHS  |   |   |   |   |

| Model                  |   | DS-D4212FI-CWFH  | DS-D4215FI-CWFH   | DS-D4218FI-CWFH   |
|------------------------|---|--|---|---|
| Image                  |   |  |  |  |
| Module Composition     | Pixel Structure                         | H0B: Glue covered SMD Triad LED  |   |   |
|                        | Pixel Pitch (mm)                        | 1.25 mm  | 1.5625 mm   | 1.875 mm  |
|                        | Module Component (Row x Column)         | 2 x 4  |   |   |
| Unit Composition       | Unit Resolution (W x H)                 | 480 x 270  | 384 x 216   | 320 x 180   |
|                        | Unit Dimensions (W x H)                 | 600 x 337.5 mm   |   |   |
|                        | Weight                                  | 5.4 Kg (11.9 lb)   |   |   |
|                        | Pixel Density                           | 640,000 dots/m <sup>2</sup>  | 409,600 dots/m <sup>2</sup>   | 284,444 dots/m <sup>2</sup>   |
|                        | Unit Ratio                              | 16:9   |   |   |
|                        | Maintenance Mode                        | Front-maintenance  |   |   |
| Optical Parameters     | Brightness (nits)                       | 800 nits   |   |   |
|                        | Color Temperature                       | 3,000 K to 10,000 K adjustable   |   |   |
|                        | Viewing Angle                           | Horizontal 160°, vertical 160°   |   |   |
|                        | Brightness Uniformity                   | ≥ 97%  |   |   |
|                        | Color Uniformity                        | ≤ ± 0.003Cx, Cy  |   |   |
|                        | Max. Contrast                           | ≥ 5,000 : 1  |   |   |
| Electrical Parameters  | Peak Consumption (W/m <sup>2</sup> )    | 600 W/m <sup>2</sup>   | 450 W/m <sup>2</sup>  | 345 W/m <sup>2</sup>  |
|                        | Average Consumption (W/m <sup>2</sup> ) | 200 W/m <sup>2</sup>   | 150 W/m <sup>2</sup>  | 115 W/m <sup>2</sup>  |
|                        | Power Supply                            | 110 to 240 VAC ± 15%   |   |   |
| Processing Performance | Drive Mode                              | Constant current driving   |   |   |
|                        | Frame Rate                              | 60 Hz  |   |   |
|                        | Refresh Rate                            | 3,840 Hz   |   |   |
| General                | Service Life (H)                        | ≥ 100,000  |   |   |
|                        | Temperature                             | -10 to 40 °C (10 to 104 °F)  |   |   |
|                        | Humidity (RH)                           | 10% to 80% (non-condensing)  |   |   |
|                        | Certification                           | CE-EMC, CE-LVD, CB-LVD, RoHS   |   |   |


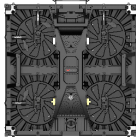
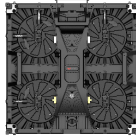
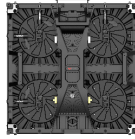


| Model                  |   | DS-D4218FI-CAF  | DS-D4225FI-CAF  | DS-D4237FI-CAF  |
|------------------------|---|---|---|---|
| Image                  |   |  |  |  |
| Module Composition     | Pixel Structure                         | SMD Triad LED   |   |   |
|                        | Pixel Pitch (mm)                        | 1.875 mm  | 2.5mm   | 3.75 mm   |
|                        | Module Component                        | 2*2   |   |   |
| Unit Composition       | Unit Resolution (W x H)                 | 256 x 288   | 192 * 216   | 128 x 144   |
|                        | Unit Dimensions (W x H)                 | 480 mm x 540mm  |   |   |
|                        | Weight                                  | 7KG(15.43lb)  |   |   |
|                        | Pixel Density                           | 284,444 dots/m <sup>2</sup>   | 160,000 dots/m <sup>2</sup>   | 71,111 dots/m <sup>2</sup>  |
|                        | Unit Ratio                              | 8:9   |   |   |
|                        | Maintenance Mode                        | Front maintenance for all components  |   |   |
| Optical Parameters     | Brightness                              | 800 nits  |   |   |
|                        | Color Temperature                       | 3,000 K to 10,000 K adjustable  |   |   |
|                        | Viewing Angle                           | Horizontal 160°, vertical 160°  |   |   |
|                        | Brightness Uniformity                   | ≥ 97%   |   |   |
|                        | Color Uniformity                        | ≤ ± 0.003Cx, Cy   |   |   |
|                        | Contrast Ratio                          | ≥ 5,000 : 1   |   |   |
| Electrical Parameters  | Peak Consumption                        | ≤ 600 W/m <sup>2</sup>  | ≤ 600 W/m <sup>2</sup>  | ≤ 570 W/m <sup>2</sup>  |
|                        | Average Consumption (W/m <sup>2</sup> ) | < 200 W/m <sup>2</sup>  | < 200 W/m <sup>2</sup>  | < 170 W/m <sup>2</sup>  |
|                        | Power Supply                            | 110-220 VAC ± 15%   |   |   |
| Processing Performance | Drive Mode                              | Constant current driving  |   |   |
|                        | Frame Rate                              | 60 Hz   |   |   |
|                        | Refresh Rate                            | 3,840 Hz  |   |   |
| General                | Service Life (H)                        | Lamp 100,000 hours  |   |   |
|                        | Temperature                             | -10 to 40 °C (10 to 104 °F)   |   |   |
|                        | Humidity (RH)                           | 10%-80%RH   |   |   |
|                        | Certification                           | CE-EMC, CE-LVD, CB-LVD, RoHS  |   |   |



**Outdoor LED Display**

| Model                  |                         | DS-D4266FO-GLF  | DS-D4266FO-CLF  | DS-D4280FO-GLF  | DS-D4280FO-CLF  | DS-D42A0FO-GLF  | DS-D42A0FO-CLF  |  |
|------------------------|-------------------------|---|---|---|---|---|---|--|
| Image                  |                         |  |  |  |  |  |  |  |
| Module Composition     | Pixel Structure         | Gold Wire SMD Triad LED   | Copper Wire SMD Triad LED   | Gold Wire SMD Triad LED   | Copper Wire SMD Triad LED   | Gold Wire SMD Triad LED   | Copper Wire SMD Triad LED   |  |
|                        | Pixel Pitch (mm)        | 6.6 mm  |   | 8 mm  |   | 10 mm   |   |  |
|                        | LED Arrangement         | SMD2727   |   | SMD3535   |   | SMD3535   |   |  |
| Unit Composition       | Unit Resolution (W x H) | 144 x 144   |   | 120 x 120   |   | 96 x 96   |   |  |
|                        | Unit Dimensions (W x H) | 960 x 960 mm  |   |   |   |   |   |  |
|                        | Weight                  | 27.6 Kg (60.8 lb)   |   |   |   |   |   |  |
|                        | Pixel Density           | 22,500 dots/m <sup>2</sup>  |   |   | 15,625 dots/m <sup>2</sup>  |   | 10,000 dots/m <sup>2</sup>  |  |
|                        | Unit Ratio              | 1:1   |   |   |   |   |   |  |
|                        | Maintenance Mode        | Front-maintenance and rear-maintenance  |   |   |   |   |   |  |
| Optical Parameters     | Brightness              | 9,000 nits  | 6,000 nits  | 10,000 nits   | 6,000 nits  | 10,000 nits   | 6,000 nits  |  |
|                        | Viewing Angle           | Horizontal 160°, vertical 60°   |   |   |   |   |   |  |
|                        | Grayscale               | 14 bit  |   |   |   |   |   |  |
| Electrical Parameters  | Peak Consumption        | 580 W/m <sup>2</sup>  |   | 550 W/m <sup>2</sup>  |   | 550 W/m <sup>2</sup>  |   |  |
|                        | Average Consumption     | 200 W/m <sup>2</sup>  |   | 190 W/m <sup>2</sup>  |   | 190 W/m <sup>2</sup>  |   |  |
|                        | Power Supply            | AC 110 to 240V  |   |   |   |   |   |  |
| Processing Performance | Refresh Rate            | 3,840 Hz  |   |   |   |   |   |  |
| General                | Temperature             | -20 to 65 °C (-4 to 149 °F)   |   |   |   |   |   |  |
|                        | Protection Level        | IP66  |   |   |   |   |   |  |
|                        | Certification           | CE-EMC, CE-LVD, CB-LVD, RoHS  |   |   |   |   |   |  |

| Model                 |                         | DS-D4229FO-CLFS  | DS-D4239FO-CLFS   | DS-D4248FO-CLFS   |
|-----------------------|-------------------------|--|---|---|
| Image                 |                         |  |  |  |
| Module Composition    | Pixel Structure         | SMD Triad LED  |   |   |
|                       | Pixel Pitch (mm)        | 2.97 mm  | 3.91 mm   | 4.81 mm   |
|                       | LED Arrangement         | SMD1515  | SMD1921   |   |
| Unit Composition      | Unit Resolution (W x H) | 168 x 168  | 128 x 128   | 104 x 104   |
|                       | Unit Dimensions (W x H) | 500 x 500 mm   |   |   |
|                       | Weight                  | 7.1 Kg (15.7 lb)   |   |   |
|                       | Pixel Density           | 112,896 dots/m <sup>2</sup>  | 65,536 dots/m <sup>2</sup>  | 43,264 dots/m <sup>2</sup>  |
|                       | Unit Ratio              | 1:1  |   |   |
|                       | Maintenance Mode        | Front-maintenance and rear-maintenance   |   |   |
| Optical Parameters    | Brightness              | 4,500 nits   | 5,000 nits  |   |
|                       | Viewing Angle           | Horizontal 160°, vertical 90°  |   |   |
|                       | Grayscale               | 14 bit   |   |   |
| Electrical Parameters | Peak Consumption        | 700 W/m <sup>2</sup>   | 760 W/m <sup>2</sup>  |   |
|                       | Average Consumption     | 280 W/m <sup>2</sup>   | 300 W/m <sup>2</sup>  |   |
|                       | Refresh Rate            | 3,840 Hz   |   |   |
| Certification         | Temperature             | -30 to 65 °C (-22 to 149 °F)   |   |   |
|                       | Protection Level        | IP66   |   |   |
|                       | General                 | CE-EMC, CE-LVD, CB-LVD, RoHS   |   |   |

| Model                  |  | DS-D4226RI-CAF  | DS-D4239RI-CAF  | DS-D4239RO-CA   | DS-D4248RO-CA   |
|------------------------|--|---|---|---|---|
| Image                  |  |  |  |  |  |
| Module Composition     | Pixel Structure                          | SMD Triad LED   |   |   |   |
|                        | Pixel Pitch (mm)                         | 2.604 mm  | 3.906 mm  | 3.906 mm  | 4.8 mm  |
|                        | Module Resolution (W × H)                | 96 × 96   | 64 × 64   | 64 × 64   | 52 × 52   |
|                        | Module Dimensions (W × H)                | 250 × 250 mm  |   |   |   |
|                        | Unit Module Composition (W × H)          | 2 × 2   |   |   |   |
| Unit Composition       | Unit Resolution (W × H)                  | 192 × 192   | 128 × 128   | 128 × 128   | 104 × 104   |
|                        | Unit Dimensions (W × H)                  | 500 × 500 mm  |   |   |   |
|                        | Weight                                   | 7.7 kg (16.97 lbs)  |   | 8.5 Kg (18.74lbs)   |   |
|                        | Pixel Density                            | 147,456 dots/m <sup>2</sup>   | 65,536 dots/m <sup>2</sup>  | 65,536 dots/m <sup>2</sup>  | 42,364 dots/m <sup>2</sup>  |
|                        | Unit Ratio                               | 1 : 1   |   |   |   |
|                        | Maintenance Mode                         | Front-maintenance   |   | Rear-maintenance  |   |
| Optical Parameters     | Brightness (nits)                        | 800 nits  |   | ≥ 5,000 nits  | ≥ 4,500 nits  |
|                        | Color Temperature                        | 3,000 K to 10,000 K adjustable  |   |   |   |
|                        | Viewing Angle                            | Horizontal 160°, vertical 160°  |   |   |   |
|                        | Luminous Point Center Distance Deviation | < 3%  |   |   |   |
|                        | Brightness Uniformity                    | ≥ 97%   |   |   |   |
|                        | Color Uniformity                         | ≤ ± 0.003Cx, Cy   |   |   |   |
|                        | Max. Contrast                            | ≥ 6,000 : 1   |   |   |   |
| Electrical Parameters  | Peak Consumption (W/m <sup>2</sup> )     | 550 W/m <sup>2</sup>  | 460 W/m <sup>2</sup>  | 680 W/m <sup>2</sup>  |   |
|                        | Average Consumption (W/m <sup>2</sup> )  | 180 W/m <sup>2</sup>  | 150 W/m <sup>2</sup>  | 230 W/m <sup>2</sup>  |   |
|                        | Power Supply                             | 110 to 220 VAC ± 15%  |   |   |   |
| Processing Performance | Drive Mode                               | Constant current driving  |   |   |   |
|                        | Frame Rate                               | 60 Hz   |   |   |   |
|                        | Refresh Rate                             | Up to 3,840 Hz  |   | 3,840 Hz  |   |
| General                | Service Life (H)                         | ≥ 100,000 (H)   |   |   |   |
|                        | Temperature                              | -15 to 50 °C (5 °F to 122 °F)   |   |   |   |
|                        | Humidity (RH)                            | 10% to 80% (non-condensing)   |   | 10% to 85% (non-condensing)   |   |
|                        | Certification                            | CE-EMC, CE-LVD, CB-LVD, RoHS  |   |   |   |

Transparent LED Displays

| Model                  |  | DS-D4239TI-SLC   | DS-D4239TI-SHC   |
|------------------------|--|--|--|
| Image                  |  |    |   |
| Module Composition     | Pixel structure                          | 1R1G1B   | 1R1G1B   |
|                        | Pixel pitch (mm)                         | Horizontal: 3.9 mm, Vertical: 7.8 mm   | Horizontal: 3.9 mm, Vertical: 7.8 mm   |
|                        | Module Dimension (W × H)                 | Different dimensions for flexible splicing: 1 m × 1 m, 1 m × 0.75 m, 0.75 m × 1 m, 0.75 m × 0.75 m, 1 m × 1.25 m, 1.25 m × 1 m | Different dimensions for flexible splicing: 1 m × 1 m, 1 m × 0.75 m, 0.75 m × 1 m, 0.75 m × 0.75 m, 1 m × 1.25 m, 1.25 m × 1 m |
|                        | Weight                                   | 15 kg/m <sup>2</sup>   | 15 kg/m <sup>2</sup>   |
|                        | Pixel density                            | 32768 dot/m <sup>2</sup>   | 32768 dot/m <sup>2</sup>   |
|                        | Brightness(nits)                         | 2500 nit   | 5500 nit (highlight)   |
| Optical Parameters     | Color Temperature                        | 2000K to 10000K adjustable   | 2000K to 10000K adjustable   |
|                        | Viewing Angle                            | 120° (H)/120° (V)  | 120° (H)/120° (V)  |
|                        | Luminous point center distance deviation | < 2%   | < 2%   |
|                        | Brightness uniformity                    | ≥ 98%  | ≥ 98%  |
|                        | Color uniformity                         | ≤ ± 0.001 Cx, Cy   | ≤ ± 0.001 Cx, Cy   |
| Electrical parameters  | Peak Consumption                         | 800 W/m <sup>2</sup>   | 800 W/m <sup>2</sup>   |
|                        | Average Consumption                      | 300 W/m <sup>2</sup>   | 300 W/m <sup>2</sup>   |
|                        | Power Supply                             | 110 to 220 VAC ± 15%   | 110 to 220 VAC ± 15%   |
| Processing Performance | Drive Mode                               | Constant Current Driving   | Constant Current Driving   |
|                        | Frame Rate                               | 60 Hz  | 60 Hz  |
|                        | Refresh Rate                             | ≥ 1920 Hz  | ≥ 1920 Hz  |
| General                | Service life(H)                          | ≥ 80000 H  | ≥ 80000 H  |
|                        | Temperature(°C)                          | -10 °C to 65 °C (14 °C to 149 °C)  | -10 °C to 65 °C (14 °C to 149 °C)  |
|                        | Humidity(RH)                             | 10% to 90%   | 10% to 90%   |

LED Controller

| Model                          | DS-D42C04-H   | DS-D42C08-H  | DS-D42C16-H   | DS-D42C04-N   | DS-D42C06-N   |
|--------------------------------|---|--|---|---|---|
| Image                          |  |  |  |  |  |
| Video & Audio Input            | 1-ch DVI, 1-ch HDMI, 1-ch DP  | 2 × HDMI, 1 × DP, 1 × DVI  | 2 × HDMI, 1 × DP, 1 × DVI   | 1 × DVI, 1 × HDMI, 1 × Audio  | 1 × DVI, 2x HDMI, 2x3G-SDI, 1 × DVI+DVI LOOP, 2 × USB                               |
| Video & Audio Output           | 8ch ports output, 1ch DVI output  | 1 × HDMI   | 1 × HDMI  | 4* RJ45   | 6 × RJ45, 1 × DVI   |
| Network Interface              | 4   | 8  | 16  | 4   | 6   |
| Control Interface              | RJ45 × 1  | RJ45 × 1   | RJ45 × 1  | USB × 1   | USB × 2, RJ45 × 1   |
| Max. Load Capacity             | 3840 × 1080@60Hz or 1920 × 2160@60Hz  | 5 MP   | 10 MP   | 2048 × 1152@60Hz or 1920 × 1200@60Hz  | 2560 × 1440@60hz  |
| Frame Frequency                | 60 Hz   | 50/60 Hz   | 50/60 Hz  | 50/60 Hz  | 50/60 Hz  |
| Refresh Rate                   | 3840 Hz   | 3840 Hz  | 3840 HZ   | 3840 Hz   | 3840 Hz   |
| Processing Depth               | 16 bit  | 8 bit  | 8 bit   | 8 bit   | 8 bit   |
| Grey Level                     | 65535 bits  | 16 bit   | 16 bit  | 16 bit  | 16 bit  |
| Display Color                  | 281.4 trillion  | 281 trillion   | 281 trillion  | 281 trillion  | 281 trillion  |
| Brightness Control             | Automatic/manual  | 1 to 10 levels adjustable (gradual white balance)                                  | 1 to 10 levels adjustable (gradual white balance)                                   | Automatic/manual  | Automatic/manual  |
| Average Consumption            | 20 W  | 13.3 W   | 13.3 W  | 16 W  | 65 W  |
| Input Voltage                  | 100-240 VAC   | 100-240 VAC  | 100-240 VAC   | AC100-240V@50/60HZ  | AC100-240V@50/60HZ  |
| Working Temperature            | -10 to 45 °C (14 to 113 °F)   | 0 °C to 40 °C (32 °F to 104 °F)  | 0 °C to 40 °C (32 °F to 104 °F)   | -10 °C to 45 °C (14 °F to 113 °F)   | -10 °C to 45 °C (14 °F to 113 °F)   |
| Working Humidity               | 10 to 90%   | 10% to 80%   | 10% to 80%  | 10% to 90%  | 10% to 90%  |
| Storage Temperature            | -20 to 60 °C (-4 to 140 °F)   | -10 °C to 60 °C (14 °F to 140 °F)  | -10 °C to 60 °C (14 °F to 140 °F)   | -20 °C to 60 °C (-4 °F to 140 °F)   | -20 °C to 60 °C (-4 °F to 140 °F)   |
| Storage Humidity               | 10 to 90%   | 10% to 80%   | 10% to 80%  | 10% to 90%  | 10% to 90%  |
| Product Dimensions (W × H × D) | 482.6 × 250 × 44.5 mm (19 × 9.8 × 1.8 inch)                                       | 442 mm × 249.5 mm × 57 mm (17.40" × 9.82" × 2.24")                                 | 442 mm × 249.5 mm × 57 mm (17.40" × 9.82" × 2.24")                                  | 428 mm × 250 mm × 44.4 mm (16.85" × 9.84" × 1.75")                                  | 483.6 mm × 250.1 mm × 45 mm (19.04" × 9.85" × 1.77")                                |

| Model                         | DS-D42V24-H   | DS-D42B01-N  | DS-D42B02-N   | DS-D42B04-N   |
|-------------------------------|---|--|---|---|
| Image                         |  |  |  |  |
| Video & Audio Input           | HDMI x 2, DVI x 4   | Internal video source  | Internal video source, HDMI x 1   | Internal video source, HDMI x 1   |
| Video & Audio Output          | HDMI x 3, DVI x 4   | 1 x Audio Out  | 1 x Audio Out, 1 x HDMI Out   | 1 x Audio Out, 1 x HDMI Out   |
| Network Interface             | 24  | 1  | 2   | 4   |
| Control Interface             | RJ45 x 1  | RJ45 x 1, WiFi AP  | RJ45 x 1, WiFi AP   | RJ45 x 1, WiFi AP   |
| Max. Load Capacity            | 13.27 MP  | 0.65 MP  | 1.3 MP  | 2.3 MP  |
| Frame Frequency               | 50/60 Hz  | 60 Hz  | 60 Hz   | 60 Hz   |
| Refresh Rate                  | 3840 Hz   | 3840 Hz  | 3840 Hz   | 3840 Hz   |
| Processing Depth              | 10 bit  | 8 bit  | 8 bit   | 8 bit   |
| Grey Level                    | 16 bit  | 16 bit   | 16 bit  | 16 bit  |
| Display Color                 | 281 trillion  | 281 trillion   | 281 trillion  | 281 trillion  |
| Brightness Control            | 1 to 100 levels adjustable (gradual white balance)                                | 1 to 255 adjustable  | 1 to 255 adjustable   | 1 to 255 adjustable   |
| Average Consumption           | 24 W  | 6 W  | 6 W   | 6 W   |
| Input Voltage                 | 100 to 240 VAC @50/60 Hz  | 100 to 240 VAC @50/60 Hz   | 100 to 240 VAC @50/60 Hz  | 100 to 240 VAC @50/60 Hz  |
| Working Temperature           | 0 to 40 °C  | -20 to 60 °C   | -20 to 60 °C  | -20 to 60 °C  |
| Working Humidity              | 10% to 80%  | 0% to 80%  | 0% to 80%   | 0% to 80%   |
| Storage Temperature           | -10 to 60 °C  | -40 to 80 °C   | -40 to 80 °C  | -40 to 80 °C  |
| Storage Humidity              | 10% to 80%  | 0% to 80%  | 0% to 80%   | 0% to 80%   |
| Product Dimensions (W x H xD) | 442 x 338.5 x 92 mm   | 274.3 x 139 x 40 mm  | 274.3 x 139 x 40 mm   | 274.3 x 139 x 40 mm   |

| Model                         | DS-D42V04-N   | DS-D42V06-N  | DS-D42V10-N   | DS-D42V16-N   |
|-------------------------------|---|--|---|---|
| Image                         |  |  |  |  |
| Video & Audio Input           | 3G-SDI x1, Audio x1, VGA x1, CVBS x1, DVI x1, HDMI1.3 x1, DP x1                   | 3G-SDI x1, HDMI 1.3 x2, DVI x1   | 3G-SDI x1, HDMI1.4 x2, DVI x2   | 3G-SDI x2, HDMI 2.0 x1, DVI x4  |
| Video & Audio Output          | DVI x1  | HDMI1.3 x1   | HDMI1.3 x1  | -   |
| Network Interface             | 4   | 6  | 10  | 16  |
| Control Interface             | RJ45 x1, USB x1   | RJ45 x1, USB x2  | RJ45 x1, USB x2   | RJ45 x1, USB x2   |
| Max. Load Capacity            | 2.3 MP  | 3.9 MP   | 6.5 MP  | 10.4 MP   |
| Frame Frequency               | 60 Hz   | 60 Hz  | 60 Hz   | 60 Hz   |
| Refresh Rate                  | 3840 Hz   | 3840 Hz  | 3840 Hz   | 3840 Hz   |
| Processing Depth              | -   | -  | -   | -   |
| Grey Level                    | -   | -  | -   | -   |
| Display Color                 | -   | -  | -   | -   |
| Brightness Control            | -   | -  | -   | -   |
| Average Consumption           | 25 W  | 28 W   | 28 W  | 70 W  |
| Input Voltage                 | 100 to 240 VAC @50/60 Hz  | 100 to 240 VAC @50/60 Hz   | 100 to 240 VAC @50/60 Hz  | 100 to 240 VAC @50/60 Hz  |
| Working Temperature           | -20 to 60 °C  | 0 to 45 °C   | 0 to 45 °C  | 0 to 50 °C  |
| Working Humidity              | 20% to 90%  | 20% to 90%   | 20% to 90%  | 20% to 85%  |
| Storage Temperature           | -   | -20 to 70 °C   | -20 to 70 °C  | -20 to 60 °C  |
| Storage Humidity              | -   | 10% to 95%   | 10% to 95%  | 10% to 85%  |
| Product Dimensions (W x H xD) | 482.6 x 227.6 x 50 mm   | 483.6 x 351.2 x 50.1 mm  | 483.6 x 351.2 x 50.1 mm   | 482.6 x 372.5 x 94.6 mm   |



# Interactive Flat Panel



## Advance Collaboration to a New Level

- › UHD 4K resolution
- › 0-gap bonding screen with anti-glare & blue light filter protection
- › Up to 45-point IR touch and smooth writing experience
- › Built-in Camera and Microphone
- › Free annotation with built-in intelligent whiteboard
- › Various interfaces including USB Type-C (also known as USB-C)
- › Dual system design with built-in Android 11 OS

\*Features are subject to selected product series.










**Pro Series Flat Panel**

| Model                |                             | DS-D5B65RB/C  | DS-D5B75RB/C  | DS-D5B86RB/C  |
|----------------------|-----------------------------|---|---|---|
| Image                |                             |  |  |  |
| Display              | Screen Size                 | 65 inch   | 75 inch   | 86 inch   |
|                      | Backlight                   | DLED  |   |   |
|                      | Display Resolution          | 3840 × 2160@60 Hz   |   |   |
|                      | Contrast Ratio              | 1200 : 1 (Typ.)   |   |   |
|                      | Brightness                  | 350 cd/m <sup>2</sup>   |   |   |
|                      | Refresh Rate                | 60 Hz   |   |   |
|                      | Color Depth                 | 10 bit  |   |   |
|                      | Response Time               | 6 ms  |   |   |
|                      | Viewing Angle               | 178°(H)/178°(V)   |   |   |
| Built-in System      | Embedded OS                 | Android 11  |   |   |
|                      | Memory                      | 4GB   |   |   |
|                      | Storage                     | 64GB  |   |   |
|                      | Touch Point                 | 45 points multi-touch   |   |   |
| Interface            | Video & Audio Input         | HDMI IN (HDMI 2.0) × 2, LINE IN × 1   |   |   |
|                      | Video & Audio Output        | HDMI OUT (HDMI 2.0) × 1, LINE OUT × 1   |   |   |
|                      | Data Transmission Interface | USB-C × 1, USB-A × 2 on front panel, USB-A × 2 on rear panel                      |   |   |
| Audio & Video        | Speakers                    | 2 × 16 W loudspeaker  |   |   |
|                      | Microphone                  | N/A   |   |   |
|                      | Built-in Camera             | N/A   |   |   |
| Power                | Power Consumption           | ≤ 300 W   | ≤ 400 W   | ≤ 500 W   |
|                      | Voltage                     | 100 to 240 VAC, 50/60 Hz  |   |   |
| Operating Conditions | Working Temperature         | 0°C to 40°C (32°F to 104°F)   |   |   |
|                      | Working Humidity            | 10% to 90% RH   |   |   |

| Model                |                             | DS-D5B65RB/D  | DS-D5B75RB/D  | DS-D5B86RB/D  |
|----------------------|-----------------------------|---|---|---|
| Image                |                             |  |  |  |
| Display              | Screen Size                 | 65 inch   | 75 inch   | 86 inch   |
|                      | Backlight                   | DLED  |   |   |
|                      | Display Resolution          | 3840 × 2160@60 Hz   |   |   |
|                      | Contrast Ratio              | 1200 : 1 (Typ.)   |   |   |
|                      | Brightness                  | 350 cd/m <sup>2</sup>   |   |   |
|                      | Refresh Rate                | 60 Hz   |   |   |
|                      | Color Depth                 | 10 bit  |   |   |
|                      | Response Time               | 6 ms  |   |   |
| Viewing Angle        | 178°(H)/178°(V)             |   |   |   |
| Built-in System      | Embedded OS                 | Android 11  |   |   |
|                      | Memory                      | 4GB   |   |   |
|                      | Storage                     | 64GB  |   |   |
|                      | Touch Point                 | 45 points multi-touch   |   |   |
| Interface            | Video & Audio Input         | HDMI IN (HDMI 2.0) × 2, LINE IN × 1   |   |   |
|                      | Video & Audio Output        | HDMI OUT (HDMI 2.0) × 1, LINE OUT × 1   |   |   |
|                      | Data Transmission Interface | USB-C × 1, USB-A × 2 on front panel, USB-A × 2 on rear panel                      |   |   |
| Audio & Video        | Speakers                    | 2 × 16 W loudspeaker  |   |   |
|                      | Microphone                  | Omni-directional 6-array layout   |   |   |
|                      | Built-in Camera             | 8MP   |   |   |
| Power                | Power Consumption           | ≤ 390 W   | ≤ 433.6 W   | ≤ 550 W   |
|                      | Voltage                     | 100 to 240 VAC, 50/60 Hz  |   |   |
| Operating Conditions | Working Temperature         | 0°C to 40°C (32°F to 104°F)   |   |   |
|                      | Working Humidity            | 10% to 90% RH   |   |   |

Value Series Flat Panel

| Model               |                       | DS-D5B55RB/A  | DS-D5B65RB/A   | DS-D5B75RB/A  | DS-D5B86RB/A  |
|---------------------|-----------------------|---|--|---|---|
| Image               |                       |  |  |  |  |
| Display             | Diagonal Size         | 55 inch LED Backlight   | 65 inch LED Backlight  | 75 inch LED Backlight   | 86 inch LED Backlight   |
|                     | Backlight             | DLED  | DLED   | DLED  | DLED  |
|                     | Panel                 | LCD   | LCD  | LCD   | LCD   |
|                     | Resolution            | 3840 × 2160 @60 Hz  | 3840 × 2160 @60 Hz   | 3840 × 2160 @60 Hz  | 3840 × 2160 @60 Hz  |
|                     | Color                 | 10 bit  | 10 bit   | 10 bit  | 10 bit  |
|                     | Visual Angle          | 178°(H)/178°(V)   | 178°(H)/178°(V)  | 178°(H)/178°(V)   | 178°(H)/178°(V)   |
|                     | Response Time         | 6 ms  | 6 ms   | 6 ms  | 6 ms  |
|                     | Contrast              | 4500: 1(Typ.)   | 1200: 1(Typ.)  | 1200: 1(Typ.)   | 1200: 1(Typ.)   |
|                     | Brightness            | 350 cd/m <sup>2</sup>   | 350 cd/m <sup>2</sup>  | 350 cd/m <sup>2</sup>   | 350 cd/m <sup>2</sup>   |
|                     | Dot Pitch (H×V)       | 0.105(H) × 0.315(V) mm  | 0.124(H) × 0.372(V) mm   | 0.143(H) × 0.430(V) mm  | 0.164(H) × 0.493(V) mm  |
| Interface           | Input Interface       | HDMI IN × 2, MAX 4 K @ 60 Hz, LINE IN × 1   | HDMI IN × 2, MAX 4 K @ 60 Hz, LINE IN × 1  | HDMI IN × 2, MAX 4 K @ 60 Hz, LINE IN × 1   | HDMI IN × 2, MAX 4 K @ 60 Hz, LINE IN × 1   |
|                     | Output Interface      | HDMI OUT × 1, MAX 4K @ 60 Hz, LINE OUT × 1  | HDMI OUT × 1, MAX 4K @ 60 Hz, LINE OUT × 1   | HDMI OUT × 1, MAX 4K @ 60 Hz, LINE OUT × 1  | HDMI OUT × 1, MAX 4K @ 60 Hz, LINE OUT × 1  |
|                     | Control Interface     | RS-232 × 1  | RS-232 × 1   | RS-232 × 1  | RS-232 × 1  |
| Power               | Power Consumption     | < 200 W (full load)   | < 250 W (full load)  | < 300 W (full load)   | < 420 W (full load)   |
|                     | Power Requirement     | 0.5 W   | 0.5 W  | 0.5 W   | 0.5 W   |
| Working Environment | Operating Temperature | 0 °C-40 °C  | 0 °C-40 °C   | 0 °C-40 °C  | 0 °C-40 °C  |
|                     | Operating Humidity    | 10%-90% RH  | 10%-90% RH   | 10%-90% RH  | 10%-90% RH  |
| General             | Dimension (W×H×D)     | 1266 × 764 × 57 mm  | 1507 × 905 × 86 mm   | 1718 × 1021 × 87.5 mm   | 1963 × 1159 × 87.5 mm   |





| Model                |                             | DS-D5165TS/P(B)   | DS-D5175TS/P(B)   | DS-D5186TS/P(B)   |
|----------------------|-----------------------------|---|---|---|
| Image                |                             |  |  |  |
| Display              | Screen Size                 | 65 inch   | 75 inch   | 86 inch   |
|                      | Backlight                   | DLED  |   |   |
|                      | Display Resolution          | 3840 × 2160@60 Hz   |   |   |
|                      | Contrast Ratio              | 4000:1  |   |   |
|                      | Brightness                  | 400 cd/m <sup>2</sup> with brightness sensor                                      |   |   |
|                      | Refresh Rate                | 60 Hz   |   |   |
|                      | Color Depth                 | 10 bit  |   |   |
|                      | Response Time               | 6.5 ms  | 8.5 ms  | 8 ms  |
|                      | Viewing Angle               | 178°(H)/178°(V)   |   |   |
| Built-in System      | Embedded OS                 | Android 11.0  |   |   |
|                      | Memory                      | 4GB   |   |   |
|                      | Storage                     | 32GB  |   |   |
|                      | Touch Point                 | 20 points multi-touch   |   |   |
| Interface            | Video & Audio Input         | HDMI In × 1, LINE In × 1, VGA In × 1, AV In × 1                                   |   |   |
|                      | Video & Audio Output        | HDMI OUT × 1, Line Out × 1, SPDIF OUT × 1   |   |   |
|                      | Data Transmission Interface | USB 3.0 × 3, USB 2.0 × 1, USB-C × 1   |   |   |
| Audio & Video        | Speakers                    | 2 × 15 W loudspeaker  |   |   |
|                      | Microphone                  | N/A   |   |   |
|                      | Built-in Camera             | N/A   |   |   |
| Power                | Voltage                     | 100 to 240 VAC, 50/60 Hz  |   |   |
|                      | Power Consumption           | ≤ 390 W   | ≤ 433.6 W   | ≤ 550 W   |
| Operating Conditions | Working Temperature         | 0°C to 40°C (32 °F to 104 °F)   |   |   |
|                      | Working Humidity            | 20% to 90% RH   |   |   |




# Digital Signage

## Diversified Advertisement Media Player

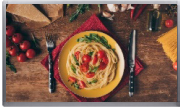
- › 4K Display
- › External signal inputs
- › Flexible and efficient advisement display and management
- › Ready-to-go design templates
- › Cross-network management
- › Environmentally-friendly “green” advertising
- › Multiple applications to suit various business scenarios



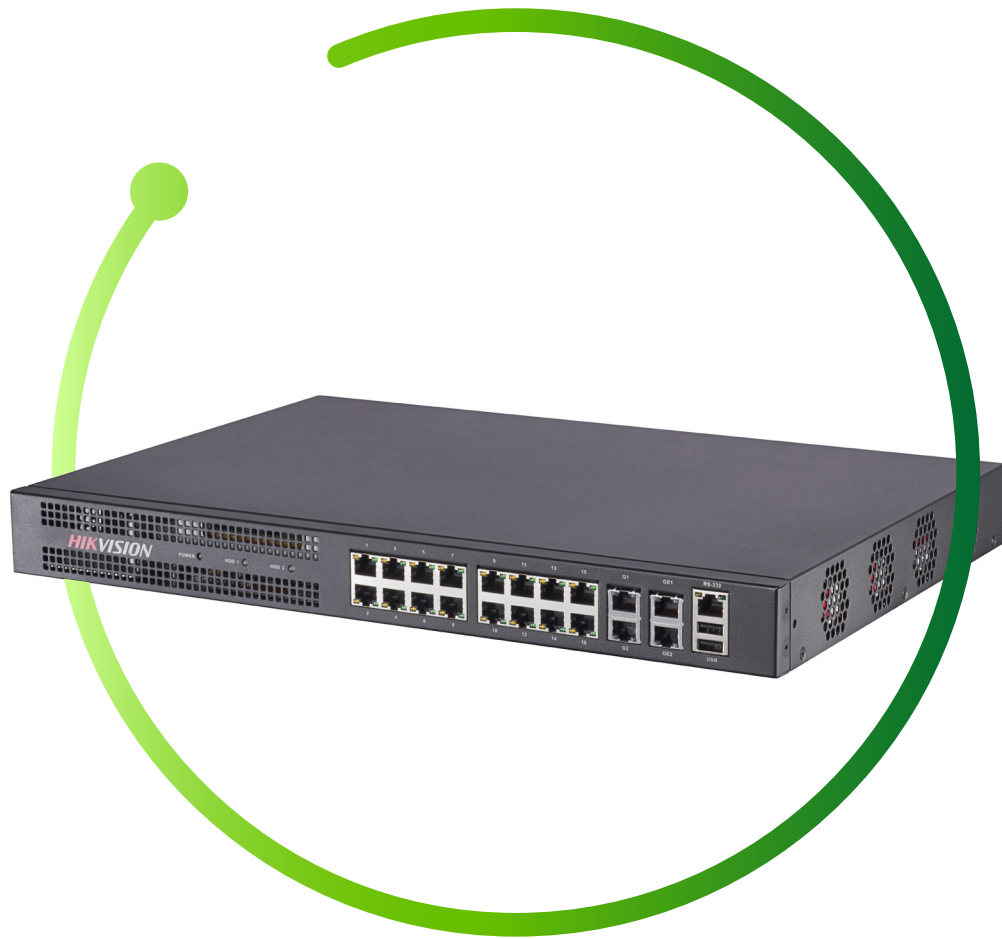
| Model           |                                | DS-D6022FN-B  | DS-D6032FN-B  | DS-D6043UN-B  | DS-D6055UN-B  |
|-----------------|--------------------------------|---|---|---|---|
| Image           |                                |  |  |  |  |
| Display         | Screen Size                    | 21.5 inch   | 32 inch   | 43 inch   | 55 inch   |
|                 | Active Zone (H x V)            | 478.656 x 260.28 mm   | 698.4 x 392.85 mm   | 941.184 x 529.416 mm  | 1209.6 x 680.4 mm   |
|                 | Backlight                      | ELED  |   | DLED  |   |
|                 | Pixel Pitch                    | 0.24795 x 0.24795 mm  | 0.36375 x 0.36375 mm  | 0.2451 x 0.2451 mm  | 0.315 x 0.315 mm  |
|                 | Resolution                     | 1920 x 1080 @60 Hz  |   | 3,840 x 2,160 @60 Hz  |   |
|                 | Brightness                     | 250 nits  | 350 nits  | 500 nits  |   |
|                 | Visual Angle                   | Horizontal 178°, vertical 178°  |   |   |   |
|                 | Color Depth                    | 8 Bits  |   | 10 Bits   |   |
|                 | Contrast                       | 3000:1  | 4000:1  |   |   |
|                 | Response Time                  | 6.5 ms  |   | 8 ms  |   |
|                 | Refresh Rate                   | 60 Hz   |   |   |   |
|                 | Color Gamut                    | 72% NTSC  |   |   |   |
| Haze            | 25%                            | 2%  |   |   |   |
| Built-in System | CPU                            | Cortex-A17, 4-core, 1.6 GHz   |   |   |   |
|                 | Memory                         | 2 GB  |   |   |   |
|                 | Operation System               | Android 8.1   |   |   |   |
|                 | SD Card                        | 16 GB   |   |   |   |
| Interface       | Video & Audio Inputs           | AUDIO IN x 1  | AUDIO IN x 1, HDMI x 2, VGA x 1   |   |   |
|                 | Video & Audio Outputs          | AUDIO OUT x 1   |   |   |   |
|                 | Network Interface              | LAN x 1, Wi-Fi x 1  |   |   |   |
|                 | Data Transmission Interface    | USB 2.0 x 2, TF Card x 1, BT4.0 x 2   | USB 2.0 x 2, TF Card x 1, BT 4.0 x 1  |   |   |
| General         | Power                          | 100 to 240 VAC, 50/60 Hz  |   |   |   |
|                 | Power Consumption              | ≤ 40 W  | ≤ 75 W  | ≤ 110 W   | ≤ 200 W   |
|                 | Standby Consumption            | ≤ 10 W  | ≤ 0.5 W   |   |   |
|                 | Operating Temperature          | 0 °C to 40 °C (32 °F to 104 °F)   |   |   |   |
|                 | Operating Humidity             | 20% to 90% RH   | 10% to 80% RH   |   |   |
|                 | Product Dimensions (W x H x D) | 492.36 x 289.68 x 41.88 mm  | 723.24 x 423.25 x 61.5 mm   | 967.18 x 555.42 x 72.44 mm  | 1237.2 x 708 x 83.44 mm   |
|                 | Package Dimensions             | 593 x 434 x 157 mm  | 898 x 152 x 544 mm  | 1172 x 703 x 192 mm   | 1403 x 856 x 217 mm   |
| Weight          | 3.03 Kg                        | 5.90 kg   | 11.39 kg  | 19.2 kg   |   |

| Model           |                                | DS-D6065UN  | DS-D6075UN  | DS-D6086UN  |
|-----------------|--------------------------------|---|---|---|
| Image           |                                |  |  |  |
| Display         | Screen Size                    | 65"   | 75"   | 86"   |
|                 | Active Zone (H × V)            | 1428.48 × 803.52 mm   | 1649.664 × 927.936 mm   | 1895.04 × 1065.96 mm  |
|                 | Backlight                      | DLED  |   |   |
|                 | Pixel Pitch                    | 0.372 × 0.372 mm  | 0.4296 × 0.4296 mm  | 0.4935 × 0.4935 mm  |
|                 | Resolution                     | 3,840 × 2,160 @60 Hz  |   |   |
|                 | Brightness                     | 500 nits  |   |   |
|                 | Visual Angle                   | Horizontal 178°, vertical 178°  |   |   |
|                 | Color Depth                    | 1.07G(8 Bits+FRC)   |   |   |
|                 | Contrast                       | 1200:1  |   |   |
|                 | Response Time                  | 8 ms  | 8 ms  | 13 ms   |
|                 | Refresh Rate                   | 60 Hz   |   |   |
|                 | Color Gamut                    | 72% NTSC  |   |   |
| Haze            | 1%                             |   |   |   |
| Built-in System | CPU                            | A73*2+A53*2, 1.7GHz   |   |   |
|                 | Memory                         | 3 GB  |   |   |
|                 | Operation System               | Android 8.0   |   |   |
|                 | SD Card                        | 32 GB   |   |   |
| Interface       | Video & Audio Inputs           | DVI-I × 1, HDMI2.0 × 2, DP1.2 × 1, AUDIO LINE IN × 1                              |   |   |
|                 | Video & Audio Outputs          | DP1.2 × 1, AUDIO LINE OUT × 1   |   |   |
|                 | Network Interface              | LAN × 1, Wi-Fi × 1  |   |   |
|                 | Data Transmission Interface    | USB 2.0 × 2, TF Card × 1  |   |   |
| General         | Power                          | 100 to 240 VAC, 50 or 60 Hz   |   |   |
|                 | Power Consumption              | ≤330W   | ≤380W   | ≤570W   |
|                 | Standby Consumption            | ≤ 0.5 W   |   |   |
|                 | Operating Temperature          | 0 to 40 °C (32 to 104 °F)   |   | -20 °C to 60 °C (-4 °F to 104 °F)   |
|                 | Operating Humidity             | 20% to 80%  |   |   |
|                 | Product Dimensions (W × H × D) | 1462.3 × 837.3 × 93.4 mm  | 1683.5 × 961.7 × 95.3 mm  | 1929 × 1100 × 95.3 mm   |
|                 | Package Dimensions             | 1,172 × 725 × 212 mm  | 1848 × 1158 × 203 mm  | 2130 × 1321 × 248 mm  |
| Weight          | 27.8 kg                        | 37.5 kg   | 49.5 kg   |   |



| Model           |                             | DS-D6043UH  | DS-D6055UH  |
|-----------------|-----------------------------|---|---|
| Image           |                             |  |  |
| Display         | Screen Size                 | 43"   | 55"   |
|                 | Active Zone (H x V)         | 941.184 x 529.416 mm  | 1209.6 x 680.4 mm   |
|                 | Backlight                   | DLED  |   |
|                 | Pixel Pitch                 | 0.2451 x 0.2451 mm  | 0.315 x 0.315 mm  |
|                 | Resolution                  | 3,840 x 2,160 @60 Hz  |   |
|                 | Brightness                  | 700 nits  |   |
|                 | Visual Angle                | Horizontal 178°, vertical 178°  |   |
|                 | Color Depth                 | 1.07G(8 Bits+FRC)   |   |
|                 | Contrast                    | 1200:1  | 5000:1  |
|                 | Response Time               | 8 ms  | 8 ms  |
|                 | Refresh Rate                | 60 Hz   |   |
|                 | Color Gamut                 | 72% NTSC  |   |
|                 | Haze                        | 25%   |   |
| Built-in System | CPU                         | A73*2+A53*2, 1.7GHz   |   |
|                 | Memory                      | 3 GB  |   |
|                 | Operation System            | Android 8.0   |   |
|                 | SD Card                     | 32 GB   |   |
| Interface       | Video & Audio Inputs        | DVI-I x 1, HDMI2.0 x 2, DP1.2 x 1, AUDIO LINE IN x 1                              |   |
|                 | Video & Audio Outputs       | DP1.2 x 1, AUDIO LINE OUT x 1   |   |
|                 | Network Interface           | LAN x 1, Wi-Fi x 1  |   |
|                 | Data Transmission Interface | USB 2.0 x 2, TF Card x 1  |   |
| General         | Power                       | 100 to 240 VAC, 50 or 60 Hz   |   |
|                 | Power Consumption           | ≤225W   | ≤315W   |
|                 | Standby Consumption         | ≤ 0.5 W   |   |
|                 | Operating Temperature       | 0 to 40 °C (32 to 104 °F)   |   |
|                 | Operating Humidity          | 20% to 80%  |   |
|                 | Product Dimensions          | 973.0 x 561.2 x 63.5 mm   | 1241.8 x 712.6 x 63.5 mm  |
|                 | Packing Dimensions          | 1070 x 673 x 141 mm   | 1350 x 860 x 160 mm   |
|                 | Weight                      | 10.7 kg   | 16.6 kg   |

| Model           |                             | DS-D6043UL-B/S  | DS-D6055UL-B/S  | DS-D60C-B  |
|-----------------|-----------------------------|---|---|--|
| Image           |                             |  |  |   |
| Display         | Screen Size                 | 42.5"   | 54.6"   | -  |
|                 | Active Zone (H x V)         | 941.184 mm x 529.416 mm   | 1209.6 mm x 680.4 mm  | -  |
|                 | Backlight                   | DLED  |   | -  |
|                 | Pixel Pitch                 | 0.2451 mm x 0.2451 mm   | 0.315 mm x 0.315 mm   | -  |
|                 | Resolution                  | 3,840 x 2,160 @60 Hz  |   | 1920 x 1080p @ 30Hz, 1920 x 1080p @ 50Hz, 1920 x 1080p @ 60Hz, 1280 x 720p @ 30Hz, 1280 x 720p @ 50Hz, 1280 x 720p @ 60Hz, 3840 x 2160p @ 30Hz, 3840 x 2160p @ 50Hz, 3840 x 2160p @ 50Hz (YCbCr420), 3840 x 2160p @ 60Hz, 3840 x 2160p @ 50Hz (YCbCr420) |
|                 | Brightness                  | 500 nits  |   | -  |
|                 | Visual Angle                | Horizontal 178°, vertical 178°  |   | -  |
|                 | Color Depth                 | 1.076(8 Bits+FRC)   |   | -  |
|                 | Contrast                    | 5,000 : 1   | 5,700 : 1   | -  |
|                 | Response Time               | 6.5 ms  |   | -  |
|                 | Refresh Rate                | 60 Hz   |   | -  |
|                 | Color Gamut                 | 72% NTSC  |   | -  |
| Haze            | 2%                          |   | -   |  |
| Built-in System | CPU                         | Cortex-A17, 4-core, 1.6 GHz   |   | Cortex-A17, 4-core   |
|                 | Memory                      | 2 GB  |   | 2 GB   |
|                 | Operation System            | Android 8.1.0   |   | Android 6.0.1  |
|                 | SD Card                     | 16 GB   |   | 8 GB   |
| Interface       | Video & Audio Inputs        | AUDIO IN x 1 HDMI IN x 2 VGA IN x 1   |   | AUDIO IN x 1   |
|                 | Video & Audio Outputs       | AUDIO OUT x 1   |   | AUDIO OUT x 1 HDMI x 1   |
|                 | Network Interface           | LAN x 1, Wi-Fi x 1  |   | LAN x 1, Wi-Fi x 1   |
|                 | Data Transmission Interface | USB x 2, BT 4.2 x 1   | USB x 2, TF Card x 1, BT 4.2 x 1  | USB x 2, BT 4.0 x 1  |
| General         | Power                       | 100 to 240 VAC, 50 or 60 Hz   |   | 12 VAC, 2 A  |
|                 | Power Consumption           | ≤150W   |   | ≤ 20 W   |
|                 | Standby Consumption         | ≤ 0.5 W   |   | ≤ 1 W  |
|                 | Operating Temperature       | 0 to 40 °C (32 to 104 °F)   |   | 0 °C to 50 °C (32 °F to 122 °F)  |
|                 | Operating Humidity          | 10% to 80%  | 0% to 90%   | 10 % to 90 %   |
|                 | Product Dimensions          | 585.14 x 1767.29 x 450 mm   | 1962.7 x 738 x 450 mm   | 145 x 145 x 31.89 mm   |
|                 | Packing Dimensions          | 1935 mm x 765 mm x 303 mm   | 2100 x 916 x 303 mm   | 188 x 176 x 101 mm   |
|                 | Weight                      | 48.46 kg  | 66.19 kg  | 0.6 kg   |



## Decoder

### Dynamic and Secure Video Stream

- > Multiple output interfaces
- > Supports various video compression formats
- > Decoding capability up to 128-ch 1080p
- > Supports splicing, cross-window, division, and roaming modes
- > Video wall controlling up to 16 screens



| Model                                | DS-6901UDI   | DS-6904UDI(B)   | DS-6908UDI(B)   | DS-6910UDI(B)   | DS-6912UDI(B)   | DS-6916UDI(B)   |
|--------------------------------------|--|---|---|---|---|---|
| <b>Image</b>                         |                                     |    |   |    |    |    |
| <b>Video Stream Format Supported</b> | H.265+ /H.265, H.264+ /H.264, Hik264, MPEG4 and MJPEG  | H.265+ /H.265, H.264+ /H.264, Hik264, MPEG4 and MJPEG   | H.265+ /H.265, H.264+ /H.264, Hik264, MPEG4 and MJPEG   | H.265+ /H.265, H.264+ /H.264, Hik264, MPEG4 and MJPEG   | H.265+ /H.265, H.264+ /H.264, Hik264, MPEG4 and MJPEG   | H.265+ /H.265, H.264+ /H.264, Hik264, MPEG4 and MJPEG   |
| <b>Audio Stream Format Supported</b> | G.722, G711A, G726, G711U, MPEG2-L2, and AAC   | G.722, G711A, G726, G711U, MPEG2-L2, and AAC  | G.722, G711A, G726, G711U, MPEG2-L2, and AAC  | G.722, G711A, G726, G711U, MPEG2-L2, and AAC  | G.722, G711A, G726, G711U, MPEG2-L2, and AAC  | G.722, G711A, G726, G711U, MPEG2-L2, and AAC  |
| <b>Decoding Capability</b>           | 12 MP @ 20 fps: 2-ch<br>8 MP @ 30 fps: 4-ch<br>5 MP @ 30 fps: 6-ch<br>3 MP @ 30 fps: 10-ch<br>1080p @ 30 fps: 16-ch  | 12 MP @ 20 fps: 4-ch<br>8 MP @ 30 fps: 8-ch<br>5 MP @ 30 fps: 12-ch<br>3 MP @ 30 fps: 20-ch<br>1080p: 36-ch<br>720p: 72-ch                        | 12 MP @ 20 fps: 8-ch<br>8 MP @ 30 fps: 16-ch<br>5 MP @ 30 fps: 24-ch<br>3 MP @ 30 fps: 40-ch<br>1080p @ 30 fps: 64-ch                             | 12 MP @ 20 fps: 10-ch<br>8 MP @ 30 fps: 20-ch<br>5 MP @ 30 fps: 30-ch<br>3 MP @ 30 fps: 50-ch<br>1080p @ 30 fps: 80-ch                            | 12 MP @ 20 fps: 12-ch<br>8 MP @ 30 fps: 24-ch<br>5 MP @ 30 fps: 36-ch<br>3 MP @ 30 fps: 60-ch<br>1080p @ 30 fps: 96-ch                            | 12 MP @ 20 fps: 16-ch<br>8 MP @ 30 fps: 32-ch<br>5 MP @ 30 fps: 48-ch<br>3 MP @ 30 fps: 80-ch<br>1080p @ 30 fps / 3 Mbps: 128-ch                  |
| <b>Split Screen</b>                  | 1/4/6/8/9/12/16  | 1/2/4/6/8/9/12/16/25/36   | 1/4/6/8/9/12/16/25/36   | 1/4/6/8/9/12/16/25/36   | 1/4/6/8/9/12/16/25/36   | 1/4/6/8/9/12/16/25/36   |
| <b>VGA Output</b>                    | 1080p: 1920 × 1080 @ 50/60 Hz<br>WSXGA: 1680 × 1050 @ 60 Hz<br>SXGA: 1280 × 1024 @ 60 Hz 720p: 1280 × 720 @ 50/60 Hz | -   | -   | -   | -   | -   |
| <b>BNC Output</b>                    | 1-ch   | -   | -   | -   | -   | -   |
| <b>HDMI Output</b>                   | PAL: 704 × 576, NTSC: 704 × 480  | PAL: 704 × 576, NTSC: 704 × 480   | PAL: 704 × 576, NTSC: 704 × 480   | PAL: 704 × 576, NTSC: 704 × 480   | PAL: 704 × 576, NTSC: 704 × 480   | PAL: 704 × 576, NTSC: 704 × 480   |
|                                      | 1-ch   | 2-ch, 1-ch DB15   | 4-ch, 1-ch DB15   | 5-ch, 2-ch DB15   | 6-ch, 2-ch DB15   | 8-ch, 2-ch DB15   |
|                                      | 4K: 3840 × 2160@30 Hz ( only for odd interface), 1080p: 1920 × 1080@50/60 Hz, 720p: 1280 × 720@50 Hz/60 Hz           |   |   |   |   |   |
| <b>Video Input</b>                   | VGA, DVI-I: 1080p: 1920 × 1080@50/60 Hz, 720p: 1280 × 720@50 Hz/60 Hz  | 4K: 3840 × 2160@30 Hz (only for HDMI), 1080p: 1920 × 1080@50/60 Hz, 720p: 1280 × 720@50 Hz/60 Hz  | VGA, DVI-I: 1080p: 1920 × 1080@50/60 Hz, 720p: 1280 × 720@50 Hz/60 Hz   | VGA, DVI-I: 1080p: 1920 × 1080@50/60 Hz, 720p: 1280 × 720@50 Hz/60 Hz   | VGA, DVI-I: 1080p: 1920 × 1080@50/60 Hz, 720p: 1280 × 720@50 Hz/60 Hz   | VGA, DVI-I: 1080p: 1920 × 1080@50/60 Hz, 720p: 1280 × 720@50 Hz/60 Hz   |
|                                      | HDMI × 1, VGA × 1, BNC × 1   | 1-ch, HDMI connector; 1-ch, DVI-I connector   | 1-ch, VGA connector; 1-ch, DVI-I connector  | 1-ch, VGA connector; 1-ch, DVI-I connector  | 1-ch, VGA connector; 1-ch, DVI-I connector  | 1-ch, VGA connector; 1-ch, DVI-I connector  |
| <b>CVBS Output</b>                   | -  | -   | -   | -   | -   | -   |
| <b>Audio Output</b>                  | 1-ch   | 4 (DB15 × 1)  | 8 (DB15 × 1)  | 10 (DB15 × 2)   | 12 (DB15 × 2)   | 16 (DB15 × 2)   |
| <b>Network Interface</b>             | 1 (10/100/1000 Mbps self-adaptive Ethernet interface)  | RJ45 interface × 1, 10/100/1000 Mbps adaptive Optic interface × 1, 100 base-FX/1000 base-X An RJ45 interface and an optic interface form a combo. | RJ45 interface × 2, 10/100/1000 Mbps adaptive Optic interface × 2, 100 base-FX/1000 base-X An RJ45 interface and an optic interface form a combo. | RJ45 interface × 2, 10/100/1000 Mbps adaptive Optic interface × 2, 100 base-FX/1000 base-X An RJ45 interface and an optic interface form a combo. | RJ45 interface × 2, 10/100/1000 Mbps adaptive Optic interface × 2, 100 base-FX/1000 base-X An RJ45 interface and an optic interface form a combo. | RJ45 interface × 2, 10/100/1000 Mbps adaptive Optic interface × 2, 100 base-FX/1000 base-X An RJ45 interface and an optic interface form a combo. |
| <b>Serial Interface</b>              | 1 RS-232 (RJ45), 1 RS-485  | 1 RS-232 (RJ45), 1 RS-485   | 1 RS-232 (RJ45), 1 RS-485   | 1 RS-232 (RJ45), 1 RS-485   | 1 RS-232 (RJ45), 1 RS-485   | 1 RS-232 (RJ45), 1 RS-485   |
| <b>Two-Way Audio In</b>              | 1-ch, 3.5 mm connector (2.0 Vp-p, 1 KΩ)  | -   | 1-ch, 3.5 mm connector (2.0 Vp-p, 1 KΩ)   | 1-ch, 3.5 mm connector (2.0 Vp-p, 1 KΩ)   | 1-ch, 3.5 mm connector (2.0 Vp-p, 1 KΩ)   | 1-ch, 3.5 mm connector (2.0 Vp-p, 1 KΩ)   |
| <b>Two-Way Audio Out</b>             | 1-ch, 3.5 mm connector (2.0 Vp-p, 1 KΩ)  | -   | 1-ch, 3.5 mm connector (2.0 Vp-p, 1 KΩ)   | 1-ch, 3.5 mm connector (2.0 Vp-p, 1 KΩ)   | 1-ch, 3.5 mm connector (2.0 Vp-p, 1 KΩ)   | 1-ch, 3.5 mm connector (2.0 Vp-p, 1 KΩ)   |
| <b>Alarm In</b>                      | 8  | -   | 8   | 8   | 8   | 8   |
| <b>Alarm Out</b>                     | 8  | -   | 8   | 8   | 8   | 8   |
| <b>Dimensions (W×D×H)</b>            | 220 mm × 148 mm × 45 mm (8.66 inch × 5.83 inch × 1.77 inch)  | 440 mm × 320.8 mm × 44.5 mm (17.32 inch × 12.63 inch × 1.75 inch)   | 440 mm × 320.8 mm × 44.5 mm (17.32 inch × 12.63 inch × 1.75 inch)   | 440 mm × 321 mm × 88 mm (17.32 inch × 12.64 inch × 3.46 inch)   | 440 mm × 321 mm × 88 mm (17.32 inch × 12.64 inch × 3.46 inch)   | 440 mm × 321 mm × 88 mm (17.32 inch × 12.64 inch × 3.46 inch)   |

# Video Wall Controller





# Video Wall Controller

## All You Need to See, All the Time

- > A signal source can be displayed on  $M \times N$  ( $M \geq 1, N \geq 1$ ) display units
- > Built-in matrix, one signal displays on multiple windows
- > Window division, splicing, roaming, cross-window
- > Supports 1/4/9/16 window division modes and full-screen window switching
- > Supports abundant interface types
- > Mixed input and output slots
- > Supports audio input and output
- > Supports decoding board



DS-C30S Series

| Model  |                         | DS-C30S-S11  | DS-C30S-S23   |
|--|-------------------------|--|---|
| Image  |                         |    |        |
| Hardware                                       |                         | 11 (mixed insertion of input and output boards)  | 23 (mixed insertion of input and output boards)   |
| Motherboard<br>(DS-C30S-MCU)                   | Slot Number             | 11 (mixed insertion of input and output boards)  | 23 (mixed insertion of input and output boards)   |
|  | Network Interface       | 2, 10 M/100 M/1000 M self-adaptive Ethernet interfaces<br>1, 10 Gigabit optical interface  | 2, 10 M/100 M/1000 M self-adaptive Ethernet interfaces<br>1, 10 Gigabit optical interface |
|  | USB Interface           | 2 × USB 2.0 (Reserved)   | 2 × USB 2.0 (Reserved)  |
|  | RS-232 Serial Interface | 1  | 1   |
| Network Decoding Board<br>(DS-C30S-DEC)        | Decoding Performance    | Resolution: 16 × 1080P30 or 32 × 720P@30. Supports decoding up to 1600W pixels.<br>Format: H.265, H.264, Mpeg4, etc.<br>Audio Decoding Channel Number: 32<br>Format: audio encoding format G711-A, G711-U, G722.1, G726-16/U/A, MPEG, AAC-LC   |   |
| DVI Input Board<br>(DS-C30S-04DI)              | Interface               | 4 × DVI interface  |   |
|  | DVI Input Resolution    | 1024 × 768@60 Hz, 1280 × 1024@60 Hz, 1366 × 768@60 Hz, 1440 × 900@60 Hz, 1680 × 1050@60 Hz, 1280 × 960@60 Hz, 1600 × 1200@60 Hz, 1280 × 720P@50 Hz, 1280 × 720P@60 Hz, 1920×1080P@50 Hz, 1920 × 1080P@60 Hz, 1920 × 1200@60 Hz   |   |
| VGA Input Board<br>(DS-C30S-04VI)              | Interface               | 4 × VGA interface  |   |
|  | VGA Input Resolution    | 1024 × 768@60 Hz, 1280 × 1024@60 Hz, 1366 × 768@60 Hz, 1440 × 900@60 Hz, 1680 × 1050@60 Hz, 1280 × 960@60 Hz, 1600 × 1200@60 Hz, 1280 × 720P@50 Hz, 1280 × 720P@60 Hz, 1920×1080P@50 Hz, 1920 × 1080P@60 Hz, 1920 × 1200@60 Hz   |   |
| HDMI Input Board<br>(DS-C30S-04HI)             | Interface               | 4 × HDMI interface   |   |
|  | HDMI Input Resolution   | 1024×768@60Hz, 1280×1024@60Hz, 1366×768@60Hz, 1440×900@60Hz, 1680×1050@60Hz, 1280×960@60Hz, 1600×1200@60Hz, 1280×720P@50Hz, 1280×720P@60Hz, 1920×1080P@50Hz, 1920×1080P@60Hz, 1920×1200@60Hz   |   |
| HDMI Input Board<br>(DS-C30S-02HI/4K)          | Interface               | 2 × HDMI interface   |   |
|  | HDMI Input Resolution   | custom resolution: width 1920 - 4092, height 1080 - 2160, frame rate 30/60. Only supports frame rate of 60 when the width is less than 2560 or the height is less than 1940.   |   |
| DP Input Board<br>(DS-C30S-02DPI/4K)           | Interface               | 2 × DP interface   |   |
|  | DP Input Resolution     | 1024 × 768@60 Hz, 1280 × 1024@60 Hz, 1366 × 768@60 Hz, 1440 × 900@60 Hz, 1680 × 1050@60 Hz, 1280 × 960@60 Hz, 1600 × 1200@60 Hz, 1280 × 720P@50 Hz, 1280 × 720P@60 Hz, 1920 × 1080P@50 Hz, 1920 × 1080P@60 Hz, 1920 × 1200@60 Hz, 3840 × 2160@30 Hz, 3840 × 2160@60 Hz, 4096 × 2160@30 Hz, 4096 × 2160@60 Hz |   |
| DVI Output Board<br>(DS-C30S-04DO)             | Interface               | 4 × DVI interface  |   |
|  | DVI Output Resolution   | 1920 × 1200@60 Hz, 1600 × 1200@60 Hz, 1920 × 1080@60 Hz, 1680 × 1050@60 Hz, 1280 × 720@60 Hz, 1280 × 1024@60 Hz, 1024 × 768@60 Hz Supports LED screen and custom resolution output. Can be configured with maximum area length x width less than 260 W.  |   |
| HDMI Output Board<br>(DS-C30S-04HO)            | Interface               | 4 × HDMI interface   |   |
|  | HDMI Output Resolution  | 1360 × 768@60Hz, 1400 × 1050@60Hz, 1280 × 720@60Hz, 1024 × 768@60Hz, 1920 × 1080@60Hz  |   |
| Two-in-one output board card<br>(DS-C30S-L104) | Interface               | 4 × miniSAS to 20 × 16 electrical interfaces, 2 × 10G optical interfaces   |   |
|  | Video Output Resolution | 1920 × 1200@60 Hz, 1600 × 1200@60 Hz, 1920 × 1080@60 Hz, 1680 × 1050@60 Hz, 1280 × 720@60 Hz, 1280 × 1024@60 Hz, 1024 × 768@60 Hz, Supports LED screen and custom resolution output. Can be configured with maximum area length x width less than 260 W.   |   |
| Others   | Power Supply            | AC 100 - 240 V, 50/60 H  | AC 100 - 240 V, 50/60 Hz  |
|  |                         | 1+2 redundant power supplies   | 2+1 redundant power supplies  |
|  | Consumption             | ≤600 W (full-loaded)   | ≤1000 W (full-loaded)   |
|  | Working Temperature     | 0 °C - 50 °C   | 0 °C - 50 °C  |
|  | Working Humidity        | 10 - 90% (non-condensing)  | 10 - 90% (non-condensing)   |
|  | Chassis                 | 4.5 U  | 8 U   |
|  | Dimension               | 447 mm (depth) × 207.8 mm (height) × 442 mm (width)  | 447 mm (depth) × 354.8 mm (height) × 442 mm (width)                                       |
| Weight   | ≤40 KG (full-loaded)    | ≤60 KG (full-loaded)   |   |

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