

Indoor HD COB Series LED Displays



| PRODUCT OVERVIEW

The HD COB series LED screen features multiple LED chips that are directly mounted onto a base, creating a single module. This design approach discards the traditional LED associated with standard LED displays, resulting in a more compact and efficient display solution. COB LED displays are recognized for their benefits, including enhanced heat dissipation, improved color uniformity, and greater reliability compared to standard LED displays. They are commonly found in diverse applications such as indoor signage, and advertising displays.

| PRODUCT FEATURES

- COB Technology.
- Fine Pitch
0.62 - 0.93 - 1.25 - 1.56 mm
- Front Maintenance
- Uniform Light Source
- Energy Efficient
- High Refresh Rate



Technical Specifications

| Model | HD0.62COB | HD0.93COB | HD1.2COB | HD1.5COB |
|---|--------------------------|--------------------------|--------------------------|--------------------------|
| Pixel Pitch (mm) | 0.62 | 0.9375 | 1.25 | 1.5625 |
| LED Type | COB | COB | COB | COB |
| Cabinet Size (mm) | 600 x 337.5 x 45 |
| Module Size (mm) | 150 x 168.75 | 150 x 168.75 | 150 x 168.75 | 150 x 168.75 |
| Module Resolution | 240 x 270 | 160 x 180 | 120 x 135 | 96 x 108 |
| Cabinet Resolution | 960 x 540 | 640 x 360 | 480 x 270 | 384 x 216 |
| Brightness | ≥600 nits | ≥600 nits | ≥600 nits | ≥600 nits |
| Refresh Rate | ≥3840Hz | ≥3840Hz | ≥3840Hz | ≥3840Hz |
| Viewing Angle | H160°/V160° | H160°/V160° | H160°/V160° | H160°/V160° |
| Input Voltage | AC110-240V 50/ 60Hz | AC110-240V 50/ 60Hz | AC110-240V 50/ 60Hz | AC110-240V 50/ 60Hz |
| Maximum Power per Panel | 95w | 75w | 70w | 70w |
| Average Power | 30w | 25w | 23w | 23w |
| Operating Temperature Operating Humidity | -15°C~55°C 10-90% RH | -15°C~55°C 10-90% RH | -15°C~55°C 10-90% RH | -15°C~55°C 10-90% RH |
| Cabinet Weight | 4Kg | 4Kg | 4Kg | 4Kg |
| Service Type | Front | Front | Front | Front |
| IP Rating | IP54(front) | IP54(front) | IP54(front) | IP54(front) |
| Control System | Nova/ColorLight | Nova/ColorLight | Nova/ColorLight | Nova/ColorLight |
| Life-time | 100,000Hrs | 100,000Hrs | 100,000Hrs | 100,000Hrs |
| Cabinet Type | Die-Casting Aluminium | Die-Casting Aluminium | Die-Casting Aluminium | Die-Casting Aluminium |
| Storage Temperature Storage Humidity | -20°C~60°C 10-90% RH | -20°C~60°C 10-90% RH | -20°C~60°C 10-90% RH | -20°C~60°C 10-90% RH |