

Designed for Performance®



Fine Pitch Direct View LED Displays for Command and Control Center Applications

Overview

When you require cutting-edge display solutions with end-to-end support, look no further than Mitsubishi Electric Power Products, Inc. Our fine pitch direct view LED displays for critical command and control centers offer customization and factory-engineered mounting solutions combined with professional installation and superior service throughout the product life cycle.



Energy-Saving Technology

Using common cathode technology, power consumption is reduced by approximately 40% compared to traditional LED technology.



Redundancy for High Reliability

Optional backups for both power and signal supply ensure reliability in the event of failure, reducing potential downtime.



The Latest in LED Technology

Products utilize the latest MIP (Micro LED in Package) technology to provide ultrawide viewing angles, lower heat, and lower energy consumption than traditional SMD-type LEDs.



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POWER PRODUCTS, INC.**

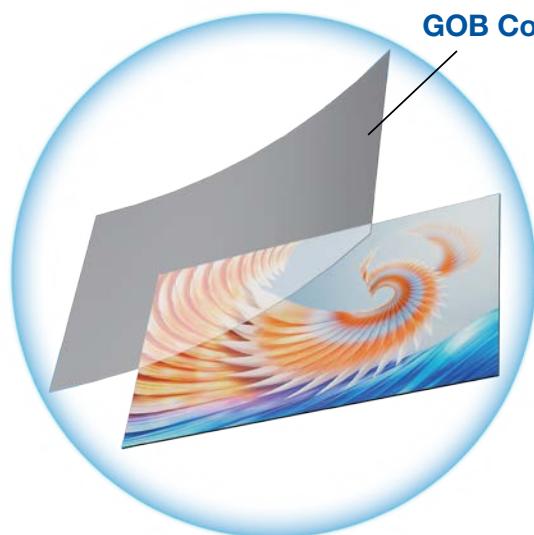
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SYSTEMS DIVISION

Fine Pitch Direct View LED Display Specifications

| Pixel Pitch | .9375mm | 1.25mm | 1.5625mm | 1.875mm |
|--|-----------------------|------------------------------------|-------------------------------|-----------------------|
| LED Technology | MIP Common Cathode | MIP Common Cathode | MIP Common Cathode | MIP Common Cathode |
| Pixel Density (pixels/m ²) | 1,137,777 | 640,000 | 409,600 | 288,000 |
| Brightness cd/m ² (nit) | 1,000 | 1,000 | 1,000 | 1,500 |
| Refresh Rate | | 3840 Hz | | |
| Grayscale | | 16 Bit | | |
| Color Temperature | | 3000° – 10000° k | | |
| Cabinet Dimensions | | 600mm (W) x 337.5mm (H) x 31mm (D) | | |
| Cabinet Resolution | 640x360 | 480x270 | 384x216 | 320x180 |
| Service Access | | Front Service | | |
| Viewing Angle* | | +80° ~ -80° (160°) Vertical | +80° ~ -80° (160°) Horizontal | |
| Max. Power Consumption | 425W/m ² | 360W/m ² | 360W/m ² | 415W/m ² |
| Avg. Power Consumption | 135W/m ² | 120W/m ² | 120W/m ² | 135W/m ² |
| Weight | | 4kg/8.82 lbs. per cabinet | | |

* All viewing angles are based on viewable area.

Specifications are subject to change without notice due to continual development.



GOB Protective Surface Coating Technology

Our optional glue-encapsulated precision coating provides a self-protective barrier to the surface of the LED display without compromising performance. It increases durability by delivering an innovative layer that resists:



Dust



Static



Moisture



Touch damage



To learn more, scan the code,
visit Diamond-Vision.com,
or call 724-772-2555.



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