

# Designed for Performance<sup>®</sup>



## 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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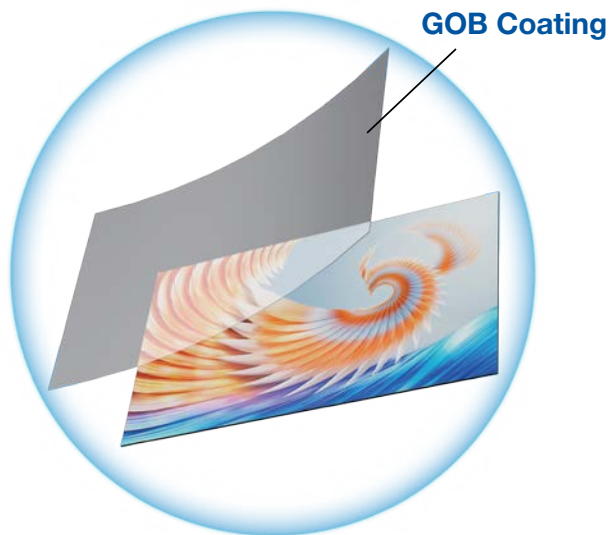
**DIAMOND  
VISION**  
SYSTEMS DIVISION



# 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 <sup>2</sup> )	1,137,777	640,000	409,600	288,000
Brightness cd/m <sup>2</sup> (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 <sup>2</sup>	360W/m <sup>2</sup>	360W/m <sup>2</sup>	415W/m <sup>2</sup>
Avg. Power Consumption	135W/m <sup>2</sup>	120W/m <sup>2</sup>	120W/m <sup>2</sup>	135W/m <sup>2</sup>
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**.



**MITSUBISHI ELECTRIC  
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