

# Variable Message Sign Display Product Specification

Product Description	Variable Message Sign Display
<b>Model</b>	<b>FCVMS01</b>
Display Parameters	<ul style="list-style-type: none"> <li>a) LED: SMD or DIP as per demand</li> <li>b) Pitch: 4mm/10mm/12mm/16mm/20mm</li> <li>c) Density: Up to 10000 dots/m<sup>2</sup></li> <li>d) High quality LED with Protective Lens for long life. LED Life &gt;100,000 Hours</li> <li>e) Drive: Constant Current</li> <li>f) No Flicker visible</li> <li>g) Configuration: RGB</li> <li>h) Beam Width- B6</li> <li>i) Luminance -L3 as per IRC/EN 12966 standards</li> <li>j) Contrast Ratio- R3 as per IRC/EN 12966 standard</li> </ul>
Control	<ul style="list-style-type: none"> <li>a) Luminance: Multiple level of luminance control thru central application</li> <li>b) Dimming: Auto adjust dimming from local sensor.</li> <li>c) Visibility: Visibility under direct sunlight</li> <li>d) Brightness: High Bright Display. Up to 6500 cd/ m<sup>2</sup></li> <li>e) Control System: 4 GB RAM and 64 GB flash memory.</li> <li>f) Synchronized or Asynchronized as per requirement</li> </ul>
Colour	<ul style="list-style-type: none"> <li>a) Full Colour. Options available for Single colour or Bicolour as per demand</li> <li>b) ≥16 million Colours</li> </ul>
Content	Supports multiple format content with on-screen effects Video (MP4), Image (JPEG, PNG, BMP, GIF, PDF) Pictograms Text (Multi Font, Muti-Language)
Interface	TCP/IP, Fibre Optic, Wireless 4G, Serial RS232
Health Monitoring & Alarms	<ul style="list-style-type: none"> <li>a) Self-Test: Power-On or On-Demand health tests for LEDs (Glowing/ Non glowing) for self-diagnostic</li> <li>b) Sensors for Door open</li> </ul>
Operating Environment	<ul style="list-style-type: none"> <li>a) Operating Temperature: 0 °C to 55 °C</li> <li>b) Operating Humidity: 10% ~95% RH</li> <li>c) Operating Voltage: 230vAC 50Hz</li> <li>d) Power: Up to 600W/Square Meter</li> </ul>
Enclosure	<ul style="list-style-type: none"> <li>a) UV resistant 2mm Aluminium Cabinet/MS Steel as per demand</li> <li>b) Water Resistant Enclosure</li> <li>c) Ingress Protection: IP65</li> </ul>
Mounting	Structure designed as per site /customer requirement.

	Wind Load: WL9 as per EN12966
Maintenance	Thru ladder on structure. Access control using Pad lock /Key
Cables	ISI certified marked cables
Protection	Power fluctuation: Inbuilt for Overvoltage/Undervoltage Earthing: Required As per IS-3043 Lightning: Lightning Arrestor shall be supplied as part of installation