FULL COLOUR VMS – FCVMS

FEATURES

- Full colour Full Matrix outdoor VMS with Oval LED/SMD LED

- Over billion colours

- Supports Multiple formats

- Interfaces to Sound Signal and Video Signal (Optional)

- Shows all kind of word ,text , Images and other information

- Available in both, Synchronous (with PC) &

  Asynchronous (without PC) Control System

- Supports TCP/IP, communication for asynchronous system

- Hi Bright Wide Angle LED for daylight Visibility

- High Life expectancy ,low maintenance

- User friendly software

- Clear Visibility from long distance

CMS COMPUTERS LTD
70, LAKE ROAD, BHANDUP (W), MUMBAI
Tel: (91-22)41259000 FAX : (91-22) 41259001
Email: sales@cms.co.in Web: www.cms.co.in

Display Parameters

a) LED : SMD or DIP as per demand
b) Pitch : 4mm/10mm/12mm/16mm/20mm/As demand
c) Pixel Density : Upto 10000 dots/m^2 /62500 dots MCQ
d) High quality LED with long life. LED Life >100,000 Hours
e) Full Colour, class designation C2 as per IRC/EN 12966 Standard
f) Configuration : 1R/1G/1B
g) Life : Upto 1,00,000 HRS
h) Wide View Angle LED
i) Beam Width- B6
j) Luminance -L3 as per IRC/EN 12966 standards
k) Contrast Ratio- R3 as per IRC/EN 12966 standard

Control

l) Luminance: Multiple level of luminance control thru central application
m) Dimming: Auto adjust dimming from local sensor/Manual.
n) Visibility : Visibility under direct sunlight upto distance 150m for characters 240mm
o) Brightness : Uniform High Bright Display Better than 95% . Minimum : 7500 cd/ m²
p) Control System : Embedded OS with 4 GB RAM and 64 GB flash memory.
q) Frame Frequency: ≥60 Hz.

Colour

r) Full Colour. Options available for Single colour or Bicolour as per demand
s) Colour ≥Upto 5 BIllion Colours
t) Refresh Rate <=1920 hertz
u) Grey Level≥ 16K Grade

Interface

v) Supports multiple interface like DVI,TCP/IP, Fibre Optic, Wireless 4G, Serial RS232, HDMI

Health Monitoring

w) Self Test : Supports Power-On or On-Demand health tests for LEDs(Glowing/ Non glowing) for self diagnostic

Operating Environment

x) Operating Temperature : 0 ^{o}C to 60 ^{o}C
y) Operating Humidity : 10% ~95% RH
z) Operating Voltage : 230vAC 50Hz
aa) Power : Up to 800W/ m² Cabinet

Enclosure

bb) 2mm Aluminium Cabinet/MS Steel as per demand .Modular 960*960mm/as per requirement
cc) Water Resistant Enclosure
dd) UV Resistant
ee) Ingress Protection : IP67/IP65/IP55 as per demand

Mounting

ff) Mounting : Structure designed as per site /customer requirement with third party certification
gg) Maintenance Access : Thru ladder on structure .Access control using Pad lock /Key
hh) Wind Load: WL9 as per EN12966

Cables

ii) Cables : ISI certified marked cables

Certifications*

jj) CE, FCC, ROHS, EN12966 (European Standard for Variable Message Sign equivalent to ETL) *Any specific product certification on demand shall be provided prior to supply.

Protection

kk) Power fluctuation : Inbuilt for Overvoltage/Undervoltage
ll) Earthing : Required As per IS-3043
mm) Lightning : Lightining Arrestor shall be supplied as part of installation