

## Go Green LED Technology

Go Green Technology is adoption of multi variant cross solutions in the manufacture of LED Display systems to ensure most energy, cost and environment efficient electronic hardware is produced, taking best practice in usage of metallurgy, electrical, electronics and embedded components which is capable of operating under any renewable energy input including Solar Powered.

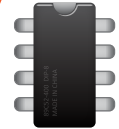
- Manufactured from Magnesium and Aluminium Alloy
- Gold plated connection for faster and more reliable connection
- 48% Lighter than the standard Aluminium panels
- TU V-EMC, Rohs, CE and DIN IN 10204 standard certified and compliant
- No fan which reduces or eliminates the noise, heat and power consumption



## Features of Go Green LED Technology

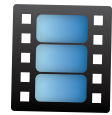
### ELECTRONICS

Brimhast - Worlds most advanced future ready, touch enabled control system. Range of indoor and outdoor - 5, 6, 8, 10, 12, 12.5, 14 and 16mm Pixel Pitch. Superior viewing angle. Trillion+ Colours. 16 Bit grey scale processing. Slimline. UV Protected Masks. Dynamic Power Management for heat dissipation / cooling.



### BROADCAST

High definition broadcast compatibility. Refresh rate mapped for super slow motion camera. Multi Cast Seamless transmission. Wireless data and video transmission. No stress of fibre damage, loss connection, disconnected cables or cable laying costs.



### FUTURE READY

DProtect - Each Cabinet has Super Intelligence built with embedded content, so that even if there is data loss from Control CPU there is no blackout and DProtect triggers display of embedded content.



### DIAGNOSTIC & HEALTH MANAGEMENT

Arogya is an advanced vigilant and surveillance management solution, in which each cabinet is monitored on Real-time basis from control centre for health management as well as proactive diagnostic & alert management such as pixel to pixel monitoring, power consumption SMPS, heat control, smoke and fire, cable connection, control card functionality and door control with instant alert management via SMS / email.



### COLOUR CALIBRATION MANAGEMENT

Varna is an advanced Colour Calibration which provides Uniform Colour Tone balancing. It also has the feature to bring colour balancing at a future date in the event of replacement of sub panels in a cabinet so there is consistency of colour throughout the display.



### CONTENT MANAGEMENT SOFTWARE

Live social media content integration across multi-display device. Synchronised content across divergent display solution at the venue. Redundancy for data protected on virtual platform. Multi-content Multi-cast display.



### CERTIFICATION / COMPLIANCE

TUV - EMC, Rohs, CE and DIN IN 10204 standard certified. IP67 rated from the front and IP56 at the rear.





## Technical Specifications

DESCRIPTION	SPECIFICATION
Pixel Pitch	5mm, 6mm, 8mm, 10mm, 12mm and 16mm
Dimensions	960mm (w) x 960mm (h) x 80mm (d)
LED per Pixel	3 in 1 Encapsulated LED (SMD) Energy Efficient
Cabinet Material	Magnesium Aluminium Alloy
Connectors	Harting
Vertical Viewing Angle	110° ( Optimal ) 140° ( 70% )
Horizontal Viewing Angle	110° ( Optimal ) 140° ( 70% )
Brightness	> 6500 cd/m <sup>2</sup>
LED's Lifetime	> 80,000 hours
Input Voltage	AC 110v / 220v / 380V±10% & DC
Input Power Frequency	50 / 60Hz
Refresh Rate	>4800HZ (4k Pixel, No Moire effect)
Power Consumption Operating per Sq M.	160 - 249 Watts (Go Green)
Frame Rate	>60 frames / sec
Compliance	IP 65 Front, IP 56 Rear, TUV, Rohs, CE, En Standard Compliance
Diagnostic Health Management	Arogya - Brimhast with Online Monitoring of Pixel, Heat, Temperature, Smoke, SMPS, Power , Cable, Control Card - Real Time Monitoring
Display Control Software	Control Software - Nova Brimhast, Display Management Software - Brimhast, Digital Video Processor with HDMi features