

**January 13, 2017**

## European debut for Mitsubishi's innovative control room LED display

Mitsubishi Electric's latest LED display makes its European debut at ISE 2017. Designed specifically for control room and other demanding indoor visualization applications, the new narrow pixel pitch (NPP) display distills the firm's 30-year experience with LED display technology with many of the key features of its conventional DLP videowall product line to create a new class of indoor screen.

Direct view LED delivers an impressive light output and contrast from an extremely slim form factor of just 90mm depth, making it an excellent solution for high-ambient light applications where floor space is limited. The new screen is based on a 1.5mm pitch, 3-in-1 SMD LED package developed especially for this application by Mitsubishi Electric. On show at ISE 2017 will be a 130" diagonal screen delivering Full HD resolution of 1920 x 1080 pixels, comprised of individual LED units measuring 480mm x 540mm. Larger displays can be easily created by adding more LED units, and system assembly is designed to be quick and easy. Front and rear access versions are available. LED units feature standard OPS slots, which can accommodate OPS 3G-SDI-input boards or OPS HDBaseT inputs for long-distance signal transmission via CAT6(STP) cable.

Over two years in development, the new screen has several patented features which make it uniquely suited to control room roles where long lifespan and total reliability are critical requirements. A patented anti-burn feature allows static graphics to be displayed for long periods of time without adversely affecting LED performance or lifespan. Overall, the display is rated for 100,000 hours of continuous operation, with its anti-burn feature ensuring that LED luminance and chromaticity remains uniform over the life time of the screen. Dual-loop signal inputs and redundant power supplies ensure the display will continue to function in the unlikely event of an LED unit power failure. Dynamic power consumption features actively monitor image luminance and adjust power output accordingly to optimize power consumption and reduce operator eye-fatigue - a critical factor in control room applications not addressed by digital signage displays. Mitsubishi has incorporated the Natural Color Matrix system found in its DLP products into the new LED screen, plus a specially developed 2-dimensional noise reduction system to reduce visible noise in compressed content such as MPEG video.



### For more information:

Peter van Dijk  
Mitsubishi Electric Europe B.V.  
Nijverheidsweg 23a,  
3641RP Mijdrecht  
The Netherlands  
Tel: +31 (0)297 282461  
Fax: +31 (0)297 283936  
E. peter.van.dijk@nl.mee.com  
Web: [www.mitsubishielectric-displaysolutions.com](http://www.mitsubishielectric-displaysolutions.com)

### Issued by

EIDO Public Relations  
Tel: +44(0)207 788 7905  
Fax: +44 (0)207 691 7431  
Email: [mitsubishi@eido-pr.eu](mailto:mitsubishi@eido-pr.eu)  
Web: [www.eido-pr.eu](http://www.eido-pr.eu)

**Request more information**