

**December 6, 2016**

## Mitsubishi Electric focuses on performance and cost of ownership for ISE 2017

High performance with minimal cost of ownership will be the key message for Mitsubishi Electric as it returns to ISE to showcase its latest control room display technologies. Two new products will be revealed at the show; a new addition to its well-established fleet of DLP rear projection video wall cubes and its first narrow pixel pitch (NPP) direct view LED screen designed specifically for control room applications.

Joining Mitsubishi Electric's comprehensive range of DLP video wall cubes is the WE120. Available in [WUXGA](#) (16:10) or [Full HD](#) (16:9) resolution, WE120 offers a minimum of 100,000 hours of continuous operation in all brightness modes. At 11.3 years of 24/7 operation, this is currently the longest rated lifespan of any DLP cube on the market, by a significant margin. In addition, its nominal power consumption of 77W makes it currently the industry's most power-efficient. Mitsubishi's proprietary air-cooled projection engine requires no servicing, removing the need for expensive maintenance and dramatically reducing the total cost of ownership. Integration is simplified thanks to the Display Port 1.2 (4K2K Input/daisy chain ready) input, and the inclusion of an Intel™ OPS slot, makes the 120 Series displays ideal for Pro-IP based systems.

The LED light source offers 6X redundancy for total reliability and delivers up to 1160 cd/m<sup>2</sup> brightness. Four preset brightness modes allow the optimum balance of performance and energy efficiency in a wide variety of applications. 120 Series displays include advanced Smart 7 features to ensure accurate color and brightness balance is maintained across the entire video wall automatically. Digital graduation and color space control ensure excellent screen uniformity and perfect color reproduction.

The new direct view NPP LED display to be shown for the first time in Europe at ISE 2017 draws on Mitsubishi's unrivalled 35 year expertise with LED display gained through its iconic Diamond Vision brand. The new indoor screen has been designed specifically for command and control applications requiring solid reliability and high image quality, using LED display technology specially developed in-house by Mitsubishi Electric in Japan. The display is designed to perform particularly well with SCADA-type schematic displays, ensuring accurate and stable color performance at appropriate brightness levels for long-term operator comfort. Shown at ISE will be a 130" diagonal 1.5mm pixel pitch screen with a resolution of 1920 x 1080 pixels. Individual pixels are comprised of 3-in-1 SMD LED packages, which have been purpose-built for the application.



**Integrated  
Systems  
Europe**

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