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**Goodbye to loss of colour and brightness with Mitsubishi Electric's new Video
Wall series**

**New LED Video Wall comes with uninterrupted operation of
minimum 11 years**

Global technology leader Mitsubishi Electric has launched a new series for video wall solutions. The new flagship WE120 series LED Video Wall cubes are recognized for uninterrupted lifetime of minimum 100 thousand hours, equivalent to more than 11 years, even at the brightest mode while redundant systems guarantee continuous operation. The new series are also marked with a number of advantages including high imaging quality, user friendly graphical interface, front access for easy maintenance and affordable cost of ownership. The innovative digital toning system and "Colour Space Control System" put an end to colour and brightness issues and ensure high level imaging homogeneity.

With over 78,000 displays installed worldwide, Mitsubishi Electric is recognized for the high performance and solid reliability of its visual and imaging systems. Further expanding its video wall solutions with cutting edge technology, Mitsubishi Electric offers uninterrupted operation of at least 100 thousand hours and outstanding visual performance even at the brightest mode with its WE120 series LED Video Wall cubes. The LED light source delivers a brightness up to 1160 cd/m² while four pre-set brightness modes allow the optimum balance of performance and energy efficiency providing

flexibility for a wide variety of applications. WE120 series displays include advanced Smart 7 features to ensure accurate colour and brightness balance is maintained across the entire Video Wall permanently and automatically. As integration is simplified with DisplayPort™ 1.2a, Intel™ OPS slot, the inclusion of which enhances the versatility, makes the new series ideal for Pro-IP based systems.

Uninterrupted lifetime of minimum 100 thousand hours even at the brightest mode

Compared to conventional video wall systems with mercury lamps, LED light used for visual and imaging systems offer significant advantages. Mitsubishi Electric's LED cubes incorporate a unique LED light component with air cooling function requiring less maintenance during the lifetime of minimum 100 thousand hours even at the brightest mode. The highly efficient air cooling system offer high reliability with an effective cooling plate and aluminium pipes for each genuine LED light source. Mitsubishi Electric's new LED Video Wall series is able to operate on 24/7 basis for more than 100 thousand hours which is equivalent to more than 11 years thanks to its specially designed fan packs. Its proprietary air-cooled projection engine requires no routine maintenance making it extremely cost effective.



High consistency with colour and brightness balance

Mitsubishi Electric WE120 series Video Wall cubes come with “Colour Space Control System” to improve colour and brightness issues. This original system developed by

Mitsubishi Electric balances and mixes up colours so as to ensure that the rate of each base colour and other colour mixtures are arranged for producing constant colours and achieving outstanding homogeneity in multiple display configurations. The innovative digital toning system puts an end to loss of brightness at the edges of displays. Brightness is distributed evenly on the display ensuring end-to-end brightness and vividness on multiple display configurations.

In this new series, each Video Wall cube is equipped with three internal sensors, each for one base colour, benefiting from colour and brightness care algorithm. Sensors monitor the independent red, green and blue outputs of each Video Wall cube constantly to share the data with other cubes with a view to arranging the performance to create highly reliable colour and brightness balance in the entire display automatically. Those features ensure display integrity in long-term operations without employing any external software or computer in multi-display configurations.



Redundant systems for continuous operation

Mitsubishi Electric's original LED light source offering fully redundant RGB LEDs and air cooling system provide an optimum imaging solution for 24/7 operations. Even when one of the RGB LED light components is broken down, others maintain the imaging quality,

increasing reliability for critical operations. It is possible to design a redundant (optional) power supply to add a secondary power supply to the system. This secondary power supply may also function as the primary power supply. In case of any breakdown, the secondary power supply assumes the role of the primary power supply within the projection unit as a result of which the Video Wall continues to operate without any interruption.

Front access for easy maintenance

Mitsubishi Electric WE120 Video Wall series 60" / 70" Full HD models and 62" / 72" WUXGA models come with front access function. The specially designed "slide and lift" screen and air-ventilation system allow all installation and maintenance works to be performed from the front. As a result, no maintenance space is required behind the Video Wall cubes.

User friendly graphical interface

Equipped with an internal image data processing function, WE120 series units make it possible to display a second image in addition to desktop image across the entire wall at any size without using an external controller. Used in combination with Mitsubishi Electric's D-Wall software, the entire imaging system can be controlled quite easily from a user friendly graphical interface.



Ideal solution for network based content distribution

Equipped with internal OPS (Open Pluggable Specification) slot, VS-WE120U engine unit is distinguished as an ideal solution for network based content distribution. A computer card can be easily inserted to expand the applications as a result of which a number of peripheral equipment can connect to the system quickly and easily. WE120 series is also compatible with ultra-HD and super high-resolution 4K signals (3840 × 2160 pixels) and can display 4K ultra high-definition images by using Displayport cables in a daisy chain configuration. WE120 series Video Wall cubes are suitable for WUXGA resolution (16:10) or Full HD resolution (16:9) formats.

About Mitsubishi Electric Corporation

With over 90 years of experience in providing reliable, high-quality products, Mitsubishi Electric Corporation is a recognized world leader in the manufacture, marketing and sales of electrical and electronic equipment used in information processing and communications, space development and satellite communications, consumer electronics, industrial technology, energy, transportation and building equipment. Embracing the spirit of its corporate statement, Changes for the Better, and its environmental statement, Eco Changes, Mitsubishi Electric endeavours to be a global, leading green company, enriching society with technology. The company recorded consolidated group sales of 4,394.3 billion yen (US\$ 38.8 billion) in the fiscal year ended March 31, 2016. For more information visit: www.MitsubishiElectric.com*

** At an exchange rate of 113 yen to the US dollar, the rate given by the Tokyo Foreign Exchange Market on March 31, 2016.*

About Mitsubishi Electric Turkey Operations

Mitsubishi Electric concentrates on sales and after-sales services for HVAC systems, factory automation systems, CNC-Mechatronics systems and advanced robot technologies in Turkey. In addition, the company provides support for satellite, elevator, visual data systems, power sources and transportation-based infrastructure projects. Mitsubishi Electric, the acknowledged manufacturer of Turksat 4A and 4B satellites contributing to communication and broadcasting infrastructure of Turkey and neighbouring countries, is also recognized for the automation technology used for Marmaray project. Having incorporated a company for development and manufacturing of room air-conditioners in Turkey in April 2016, Mitsubishi Electric intends to start manufacturing operations in Manisa plant by January 2018. For more information visit: www.mitsubishielectric.com.tr

About Mitsubishi Electric Visual and Imaging Systems

Introducing the first large scale Diamond Vision LED videowall display to spectators in Los Angeles in 1980 and recognised by Guinness World Records for the longest videowall display in 2010, Mitsubishi Electric offers wide range of products known for clear vision with high brilliance, live colours and very high resolution thanks to its cutting edge technology.