

Mitsubishi Electric Completes Diamond Vision Screens at Sapporo Dome

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Highest resolution among all 12 stadiums in Japanese professional baseball

Mitsubishi Electric Corporation (TOKYO: 6503) announced today that it has completed installation of three Diamond Vision™ screens,

one large unit each above the right- and left-field stands and one infield scoreboard, at the Sapporo Dome baseball and soccer stadium

in Sapporo, Japan.

Thanks to Mitsubishi Electric's exclusive black plastic-molded LEDs, the screens are 2.9 times larger, boast five times the resolution and offer 1.5 times the contrast of the replaced screens. They will be unveiled during the pre-season opening game between the Hokkaido Nippon Ham Fighters and Yomiuri Giants on March 3.



The two large screens each measure 8.64 m by 32.0 m, about 1.6 times larger than the former screen in right field. The infield scoreboard is 3.84 m by 13.12 m, about 1.5 times larger than its predecessor. Enhanced visibility is assured by LEDs that feature an 8 mm pixel pitch and wide viewing angle for reduced color variance. The screens, featuring a pixel size of 4,000 (w) x 1,080 (h), offer the highest resolution among all 12 stadiums in Japanese professional baseball.

This is the first time in the world to install Mitsubishi Electric's proprietary black-packaged LEDs in screens at a baseball or soccer stadium. The advanced LEDs, in addition to helping to prevent light reflection, can reduce luminescence in darker lighting and increase luminescence in brighter lighting for improved visibility.

Main Specifications

Type	Diamond Vision LED	
Installation areas	Right and left field stands	Infield stands
Size	32.0 m (w) x 8.64 m (h) 1,305 inches	13.12 m (w) x 3.84 m (h) 538 inches
Light emitting element	Full-color high-luminescence LEDs	
Dot pitch	8 mm	
Viewing angle	75 degrees horizontal and -30 to +25 degrees vertical	
Number of scanning lines	4,000 (g) x 1,080 (y)	1,640 (g) x 480 (y)
Number of displays	2	1
Installation date	February 2015	

Diamond Vision Screen Installations in Japanese Stadiums

Date	Facility	Screen size	
Mar, 2005	Hanshin Koshien Stadium	12.0 m (g) x 6.4 m (y)	535 inches
Mar, 2005	Tokyo Dome	34.0 m (g) x 7.0 m (y)	1,367 inches
Feb. 2008	QVC Marine Field	10.08 m (g) x 9.6 m (y)	548 inches
Mart 2008	Nagoya Dome	35.52 m (g) x 10.08 m (y)	1,454 inches
Mar, 2009	Hotto Motto Field Kobe	9.6m (g) x 7.2 m (y)	472 inches
Mar, 2010	Rakuten Kobo Stadium Miyagi	20.64 m (g) x 16.32 m (y)	1,036 inches
Mar 2011	Hanshin Koshien Stadium	12.0 m (g) x 6.4 m (y) 1	535 inches
Mar 2011	NISSAN Stadium	22.528 m (g) x 8.96 m (y)	955 inches (2 screens)
Mar 2012	Ajinomoto Stadium	19.2 m (g) x 9.4 m (y) 16.0 m (g) x 7.8 m (y)	842 inches 701 inches
Mar 2012	Tochigi Green Stadium	14.72 m (g) x 8.32 m (y)	666 inches
Dec. 2012	Ningineer Stadium	16.0 m (g) x 8.4 m (y)	711 inches
Mar, 2013	Nagasaki Stadium	14.88 m (g) x 7.68 m (y)	802 inches
Mar, 2014	Kagawa Pref. Marugame Stadium	15.04 m (g) x 7.68 m (y)	664 inches
Mar, 2014	Saitama Stadium 2002	23.552 m (g) x 10.24 m (y)	1,011 inches (2 screens)