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FOR IMMEDIATE RELEASE

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Mitsubishi Electric to Launch 10.4-inch XGA Color TFT-LCD Module

TOKYO, April 22, 2014 – [Mitsubishi Electric Corporation](http://www.MitsubishiElectric.com) (TOKYO: 6503) announced today it will launch a 10.4-inch XGA, color TFT-LCD module for industrial equipment indicators, medical equipment, measuring instruments, instruments in ships and trains and other industrial applications. The new model offers an unprecedented combination of super-wide 170-degree viewing angle (both horizontally and vertically), 1,000:1 high-contrast ratio, -30 to 80 degrees Celsius operating temperature range and 100,000-hour LED backlight. Mitsubishi Electric offices worldwide

(<http://www.MitsubishiElectric.com/semiconductors/>) will begin selling the module on May 1.



New 10.4-inch XGA Color TFT-LCD (AA104XG02)

Mitsubishi Electric's new TFT-LCD meets increasing market demands for high-contrast, wide-viewing-angle modules that can be installed easily and used widely, even in extreme operating environments. With the launch, Mitsubishi Electric will increase its lineup of super-wide-viewing-angle TFT-LCD modules to 16.

Super-wide viewing angle, high brightness & contrast, and vivid color

- 170-degree super-wide horizontal/vertical viewing angle ensures excellent visibility, even for off-center installations.
- High brightness in choice of either 500 cd/m² or 900 cd/m²* and high contrast ratio of 1,000:1 for easy visibility in bright environments.

* AA104XG02: 500cd/m², AA104XG12: 900cd/m²

Wide range of operating temperatures

- Market-leading range from -30 to 80 degrees Celsius to withstand extreme outdoor environments.

Same dimensions and design as existing model for simplified, low-cost replacement

- The new TFT-LCD module is compatible with Mitsubishi Electric's existing models** in terms of dimensions (width and height) and location of mounting holes for easy, low-cost replacement.

** AA104VJ02/12, AA104SL02/12, AA104SJ02, AA104XF02/12

Environmental Awareness

Mercury-free and fully compliant with Europe's Restriction of Hazardous Substances Directive (RoHS).

Specifications

Model Number	AA104XG02	AA104XG12
Display size (resolution)	10.4-inch XGA	
Display Area (mm)	210.4 (H)×157.8 (V)	
Dots	1024 (H)×768 (V)	
Pixel Pitch (mm)	0.2055 (H)×0.2055 (V)	
Contrast Ratio	1,000:1	
Luminance (cd/m ²)	500	900
Viewing Angles (CR>10)(°)	-85 to +85 (H); -85 to +85 (V)	
Colors	262K (6bit/color); 16.77M (8bit/color)	
Color Gamut (NTSC)	50%	
Backlight Unit	LED	
Electrical Interface	LVDS 6 bit or 8 bit	
Dimensions (mm)	230.0 (W)×180.2 (H)×9.5 (D)	
Operating Temperatures (°C)	-30 to +80	
Storage Temperatures (°C)	-30 to +80	

Super-Wide-Viewing-Angle TFT-LCD Lineup

Display	Resolution	Model	Display	Resolution	Model
5.0-inch	WVGA (800×480)	AA050MG03	10.4-inch	SVGA (800×600)	AA104SJ02
7.0-inch	WVGA (800×480)	AA070MC01/11		XGA (1024×768)	AA104XG02/12
8.4-inch	SVGA (800×600)	AA084SC01	10.6-inch	WXGA (1280×768)	AA106TA01/11
9.0-inch	WVGA (800×480)	AA090ME01	12.1-inch	SVGA (800×600)	AA121ST01
	QHD (960×540)	AA090AA01	15.0-inch	XGA (1024×768)	AA150XS02/11
	WXGA (1280×768)	AA090TA01	17.5-inch	WXGA (1280×768)	AA175TE03

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About Mitsubishi Electric Corporation

With over 90 years of experience in providing reliable, high-quality products, Mitsubishi Electric Corporation (TOKYO: 6503) 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 endeavors to be a global, leading green company, enriching society with technology. The company recorded consolidated group sales of 3,567.1 billion yen (US\$ 37.9 billion*) in the fiscal year ended March 31, 2013. For more information visit <http://www.MitsubishiElectric.com>

*At an exchange rate of 94 yen to the US dollar, the rate given by the Tokyo Foreign Exchange Market on March 31, 2013