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FOR IMMEDIATE RELEASE

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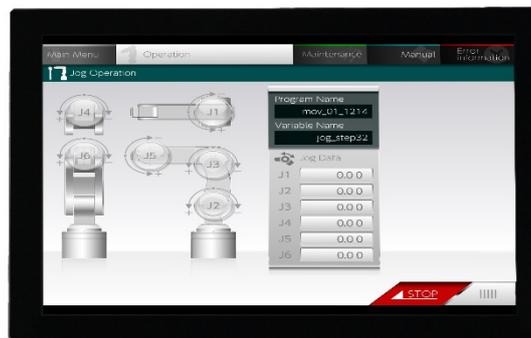
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Mitsubishi Electric to Expand Lineup of Color TFT-LCD Modules with Projected Capacitive Touch Panels for Industrial Application

Featuring market-leading touch functionality and sensitivity combined with max. 5mm cover glass

TOKYO, October 25, 2016 – [Mitsubishi Electric Corporation](http://www.mitsubishielectric.com) (TOKYO: 6503) announced today the launch of 10.6-inch WXGA color TFT-LCD modules equipped with projected capacitive touch panels using cover glass of up to five millimeters in thickness. Sample sales will begin on November 30 via Mitsubishi Electric offices worldwide.



Color TFT-LCD module with projected capacitive touch panel

These new modules are designed to meet increasing industrial demand for thick cover glass and glass that allows operators to wear gloves. They also facilitate multi-touch and accurate sensing even on wet screens. The combination of these cutting-edge touch capabilities and Mitsubishi Electric's proven TFT-LCD technology are expected to support diverse applications and installation scenarios.

Product Features

1) Projected capacitive touch panels offering superior operability

- Thick, five-millimeter cover glass withstands rugged usage
- Ten-point touch operation for accurate sensing
- High-level operability, even when using gloves or on wet screens

2) **Total touch-panel solution**

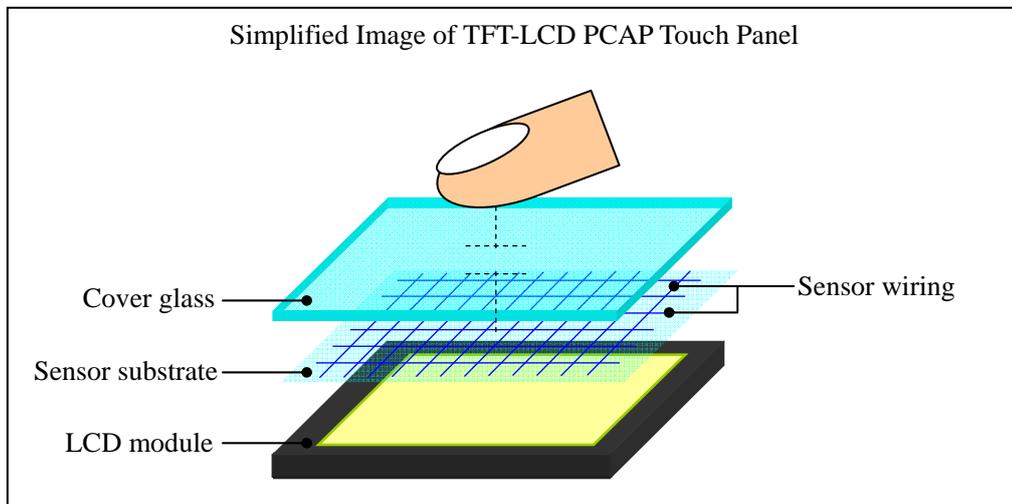
- One-stop solution for TFT-LCD, touch panel and touch-control board
- Optional optical bonding (resin bonding of the TFT-LCD module, touch-panel sensor and cover glass for clearer images in bright light)
- Tempered cover glass and anti-reflection/anti-smudge surface treatment for wide-ranging use
- Factory-installed TFT-LCD, PCAP touch panel, cover glass and touch controller offer superior reliability

Sample Sale Schedule

Product	Model	Display Size	Resolution	LED Driver	Shipment
TFT-LCD Modules with Projected Capacitive Touch Panels	AA106TA01DDA11	10.6-inch	WXGA	Provided	November 30, 2016
	AA106TA11DDA11			-	

Projected Capacitive Touch (PCAP)

Capacitive touch is a touch screen technology that uses two perpendicular layers of conductive material to form a grid. When electric current is applied, a uniform electrostatic field is created. The touch of a finger or other conductive object distorts the field, allowing the system to accurately track movement across the screen at multiple points. This technology is commonly used in smartphones and tablets.



Lineup of Color TFT-LCD Modules with Projected Capacitive Touch Panels (new models in bold)

Display Size	Resolution	Brightness (cd/m ²)	Viewing angle (°) (U/D), (L/R)	Model
7.0-inch	WVGA	800	85/85, 85/85	AA070MC01ADA11
		1000	85/85, 85/85	AA070MC11ADA11
		800	60/80, 80/80	AA070ME01ADA11
		1200	60/80, 80/80	AA070ME11ADA11
6.5-inch	VGA	1000	80/60, 80/80	AA065VE11ADA11
8.4-inch	SVGA	400	85/85, 85/85	AA084SC01ADA11
		400	80/60, 80/80	AA084SD01ADA11
		900	80/60, 80/80	AA084SD11ADA11
	XGA	500	85/85, 85/85	AA084XD01ADA11
		800	85/85, 85/85	AA084XD11ADA11
		400	80/60, 80/80	AA084XE01ADA11
		800	80/60, 80/80	AA084XE11ADA11
10.6-inch	WXGA	800	85/85, 85/85	AA106TA01DDA11
		800	85/85, 85/85	AA106TA11DDA11

Specifications

Model		AA106TA01DDA11	AA106TA11DDA11
Display size/resolution		26.9cm (10.6 inches) WXGA	
Display area (mm)		231.36 (H) × 138.816 (V)	
Number of dots		1280 (H) × 768 (V)	
Pixel pitch (mm)		0.18075 (H) × 0.18075 (V)	
Contrast ratio		1000:1	
Luminance (cd/m ²)		800	
Viewing angle (°) (U/D), (L/R)		85/85, 85/85	
Colors		262K (6 bits/color), 16.7M (8 bits/color)	
LED Driver		Implemented	—
Electrical interface		LVDS 6/8 bits	
Size (mm)	W	260.0 (LCD: 250.0)	
	H	167.0 (LCD: 157.0)	
	D	13.9 (LCD: 8.9)*	
Operational temperatures (°C)		-30 to +70	
Storage temperatures (°C)		-30 to +80	
Glass thickness (mm)		Up to 5	
Black mask printing		Available	
Strengthening treatment		Available	
Low-reflection treatment		Available	
Anti-smudge treatment		Available	
Optical bonding		Available	
Controller interface		USB	
Operating systems**		Windows7/8.1 and Linux	

* Depends on cover glass thickness (1.1mm thickness in this example)

** Support for other operating systems is available upon request.

Environmental Awareness

The model is mercury-free and fully compliant with the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS) directive 2011/65/EU.

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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 4,394.3 billion yen (US\$ 38.8 billion*) in the fiscal year ended March 31, 2016. For more information visit:

<http://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

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