MITSUBISHI ELECTRIC

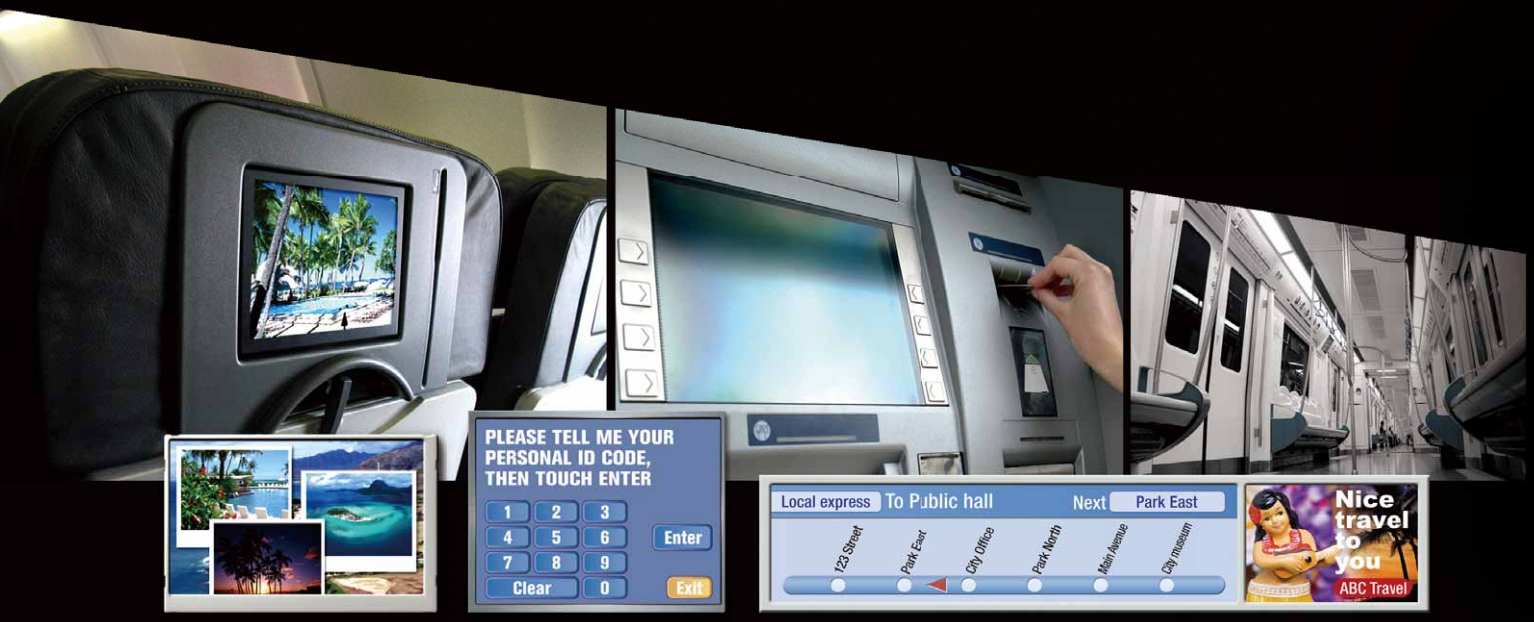
Changes for the Better

for a greener tomorrow eco Changes

COLOR TFT-LCD MODULES
FOR INDUSTRIAL USE

TFT LCD Modules

True-to-life Color Reproduction & Variety of Sizes
Highly Advanced TFT-LCD Modules by Mitsubishi Electric



For In-Flight Monitor　For Bank ATM　For Train Monitor

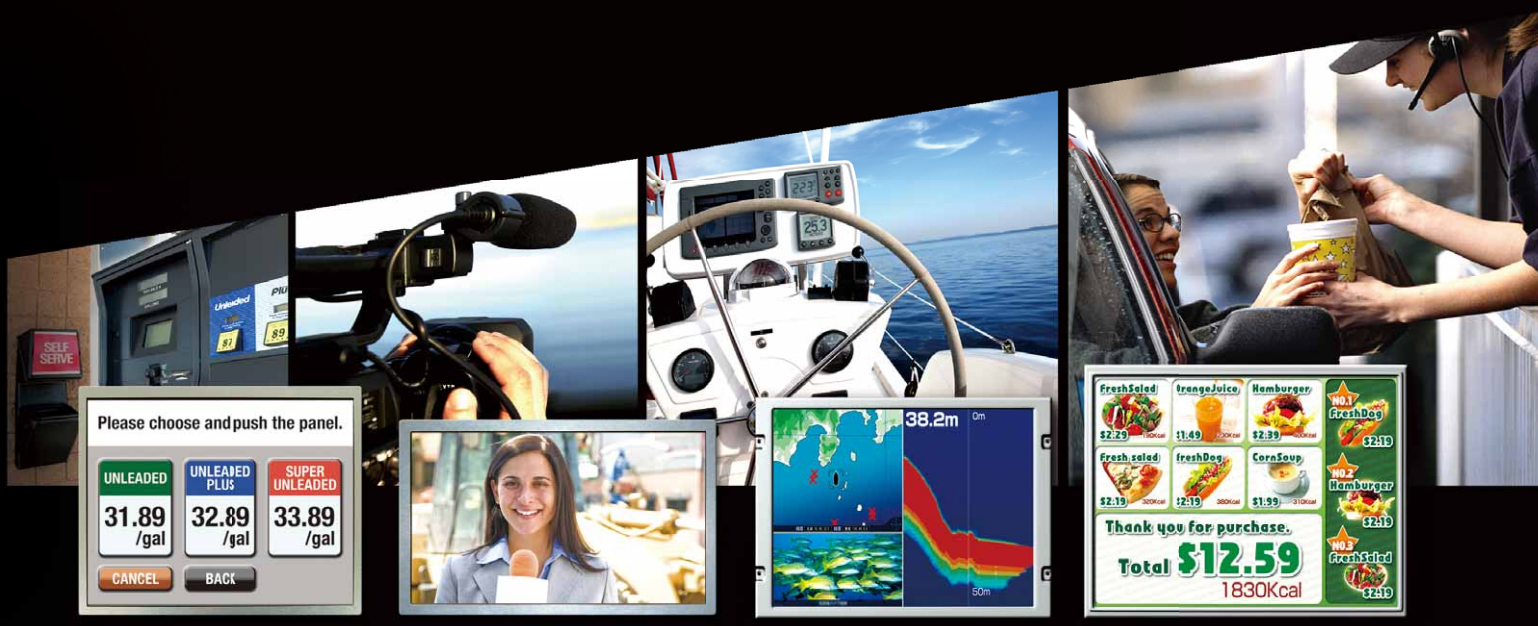
LINEUP A line-up rich in variety to match diversified customer requirements

Standard

	5.7″	6.5″	8.4″	10.4″	12.1″	15.0″	17.0″	19.0″
QVGA 320x240	Standard Type							
VGA 640x480	Super High Brightness Transflective	Super High Brightness	Standard Type Super High Brightness Transflective	Standard Type Super High Brightness				
SVGA 800x600	CMOS-IF Compatible		Standard Type Super High Brightness Super Wide Viewing Angle	Standard Type Super High Brightness Super Wide Viewing Angle Tough TFT-LCD	Standard Type Super High Brightness Super Wide Viewing Angle			
XGA 1024x768			Standard Type Super High Brightness Super Wide Viewing Angle	Standard Type Super High Brightness Super Wide Viewing Angle Transflective Tough TFT-LCD	Standard Type Super High Brightness Super Wide Viewing Angle	Standard Type* Super High Brightness* Super Wide Viewing Angle*		
SXGA 1280x1024				LVDS-IF Compatible			Standard Type	Standard Type Super High Brightness
SXGA+ 1400x1050	Mounting Compatible					Super High Brightness Super Wide Viewing Angle	2ch LVDS-IF Compatible	

*The pin assignment is compatible, but the connector model name is different.

Mitsubishi Electric color thin-film transistor liquid-crystal display (TFT-LCD) modules are produced utilizing advanced imaging and color reproduction technologies and come in a variety of sizes to match diversified needs. With applications including point of sale (POS) terminals, vending and ticketing machines, bank automatic teller machines (ATMs) and monitors in vehicles and boats, our TFT-LCD modules have become an essential part of society and people's lives today. Features include excellent visibility, stylish design, simplicity of use and customer-focused product development.



For GAS POS | For Camera Monitor | For Boat Monitor | For Drive-through

Wide

	5.0″	7.0″	8.0″	9.0″	10.1″	10.6″	12.1″	14.1″	17.5″
Wide-VGA 800x480	Super Wide Viewing Angle	Super High Brightness Super Wide Viewing Angle Tough TFT-LCD	Super High Brightness Super Wide Viewing Angle Tough TFT-LCD	Standard Type Super High Brightness Super Wide Viewing Angle			LVDS-IF Compatible		
Wide-XGA 1280x768				Super Wide Viewing Angle		Super High Brightness Super Wide Viewing Angle			Standard Type* Super Wide Viewing Angle*
Wide-XGA 1280x800	Mounting Compatible				Super High Brightness Super Wide Viewing Angle		Standard Type Super High Brightness Super Wide Viewing Angle	Standard Type	

*The pin assignment is compatible, but the connector model name is different.

Special

	3.5″	7.8″	19.2″
800x300		Super Wide Viewing Angle	
QHD 960x540	Super Wide Viewing Angle		
1/3HD 1920x360			Standard Type**

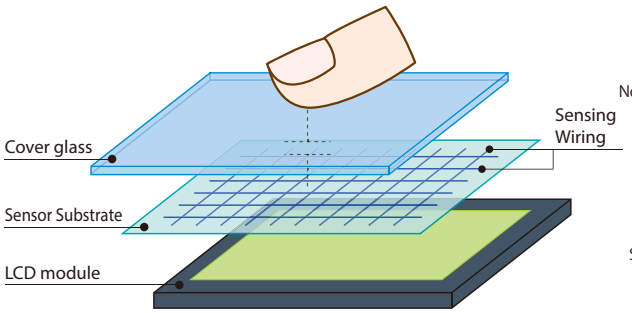
*The pin assignment is compatible, but the connector model name is different.
**There are Landscape(AA192AA01) and Portrait(AA192AA51).

Color TFT-LCD Modules for Industrial Use with Touch Panel

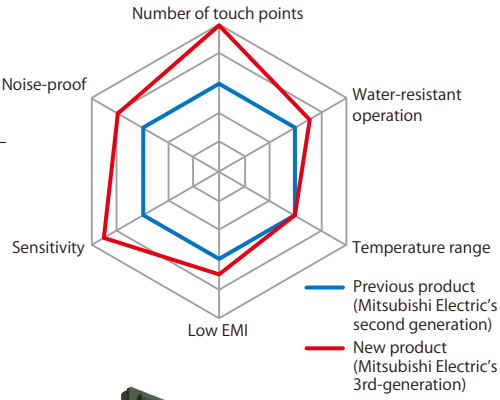
TFT-LCD Modules with PCAP*1 Touch Panel

There is a growing demand in the industrial equipment market for intuitive touch interfaces like those on smartphones and tablet PCs. Mitsubishi Electric has responded to that demand with new LCD modules employing PCAP touch panel technology for superior visibility and durability. Our unique TFT array processing technology coupled with low-resistance material has paved the way to a breakthrough development in microfine sensing wires for touch panels. You can now say goodbye to color shift and hello to superior visibility without the need for any transparent conductive film like ITO*2. Mitsubishi Electric's original detection control treatment technology enables use with protective glass thicknesses up to 2.8mm, realizing enhanced durability. Operation while wearing gloves and detection with water drops on the screen are now possible. Additionally, the new 3rd-generation PCAP product lineup, with units smaller than the 8.4-inch model*3, is equipped with enhanced detection sensitivity including multi-touch*4 compatibility up to a maximum of 10 points, and can be used with a protective glass over 5.0mm-thick and when wearing thick heart-resistant gloves. Everything, including the LCD module's touch panel, control board, and driver software has been integrated during manufacturing to deliver all its outstanding features in one neat package. This integrated assembly process ensures a highly reliable user interface environment that delivers steady performance in the toughest industrial or outdoor environments.

*1 PCAP: Projected Capacitive *2 ITO: Indium-tin-oxide
*3 Excluding models from 3.5-5.7 inches
*4 Operation touching more than two points at the same time

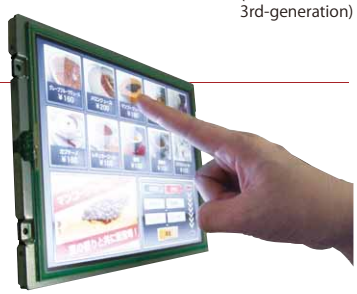


Simplified image of TFT-LCD PCAP Touch Panel



TFT-LCD Modules with 4-wire resistive Touch Panel

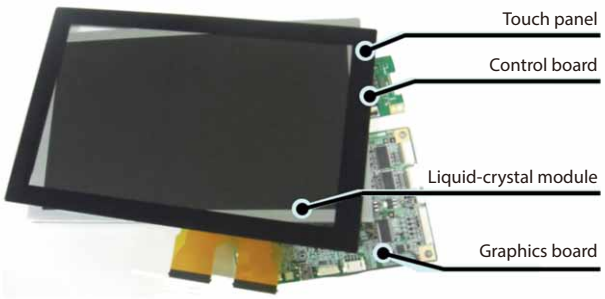
We offer a complete line of highly versatile industrial LCD modules equipped with a 4-wire resistive touch panel designed to meet a world of industrial equipment needs. Our integrated assembly method builds reliability into every LCD module with touch panel.



Glass bonding and touch panel options are also available. Please contact our sales office.

Intelligent GUI Equipped TFT-LCD Modules

In addition to the DIAFINE industrial TFT liquid-crystal module, we also provide a graphics board easily realizes intuitive operation thanks for a projected capacitive touch panel and high-quality graphics of 60 frames/sec. Utilizing Mitsubishi proprietary GUI designer to combine design images together with input information from industrial devices, burdensome software development is not required anymore, and customer device development costs can be saved drastically.

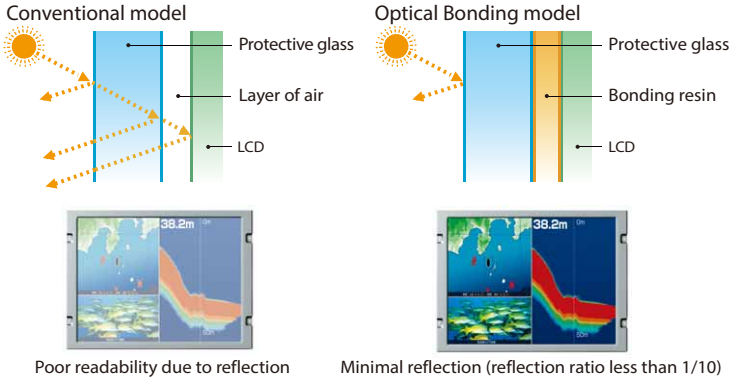


Tough TFT-LCD Modules

Recently, there is an increasing demand for thinner, lighter industrial-use color TFT-LCD modules. However, the work environment where they are used is often harsh, requiring robust operating characteristics that are contradictory to the features demanded.
Mitsubishi Electric has developed a new product lineup of color TFT-LCD modules for use in harsh work environments. Features include higher vibration resistance capable of withstanding acceleration of up to 6.8G, and a wider operating and storage temperature range, -40 to 85ºC.

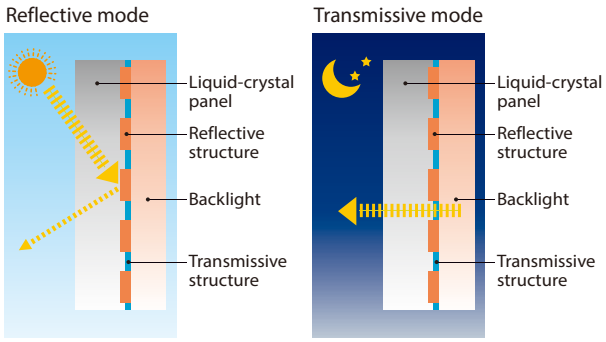
Optical Bonding Technology

Outdoor-use equipment incorporating LCDs often comes equipped with a glass panel to protect the LCD surface. However, the reflection of sunlight off the surface of the LCD can adversely affect visibility. As a solution, Mitsubishi Electric has introduced bonding of the LCD and protective glass with resin. This minimizes the reflection of sunlight and realizes superior visibility for products with protective glass.



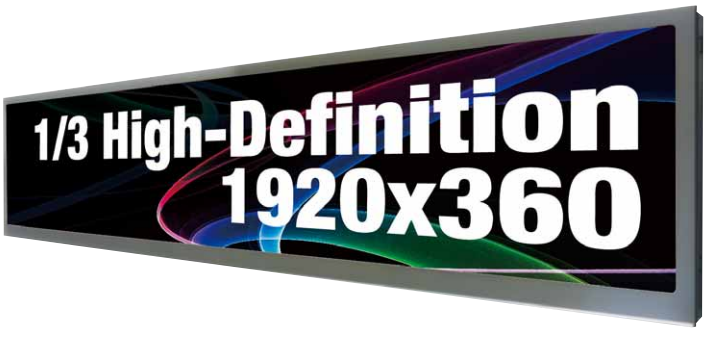
Transflective TFT-LCD Modules

Transflective TFT-LCD modules have both "transmissive" and "reflective" modes, which utilize a backlight or ambient light as a light source respectively. Transmissive mode provides high visibility in dark environment, and reflective mode helps to maintain high visibility under strong sunlight without booting up the backlight brightness. Thus, transflective TFT-LCD modules can save power consumption and are suitable for mobile devices. Mitsubishi Electric currently mass-produces the 5.7-inch and 8.4-inch models, and continues to expand its product lineup.



Wide Product Line-up

Mitsubishi Electric offers a variety of original industrial-use color TFT-LCD modules in addition to its standard and wide format standard models. For example, a ultra-wide 19.2-inch which resolution is one-third the height of full high-definition, 7.8-inch which resolution is half the height of SVGA.



Specification

Screen Size (inch)	Resolution (pixel)	Model Name	Features*1							Surface *2	Touch panel *5	PCAP touch points (Max.)	LCD interface [PCAP interface]	Brightness (cd/m²)*3	Contrast Ratio	Viewing Angle (°) <U/D><L/R>	Number of Colors	Outline Dimensions (mm) <W><H><D>
			LED Driver	Natural Color Matrix	Color Saturation 72%	Transflective	Super High Brightness	Super Wide Viewing Angle	Tough TFT-LCD									
3.5	QHD(960x540)	AA035AE01			✓			✓		Clear			LVDS	400	800:1	88/88,88/88	262k	90.0x57.0x4.0*4
5.0	Wide-VGA (800x480)	AA050MG03						✓		Clear			CMOS	900	1000:1	88/88,88/88	16.7M	118.5x84.7x3.9*4
		AA050MG03--T1						✓		Clear	RES		CMOS	720	1000:1	88/88,88/88	16.7M	118.5x84.7x5.1*4
		AA050MG03-DA1						✓		Clear	PCAP	Two points	CMOS [UART,USB]	720	1000:1	88/88,88/88	16.7M	129.1x95.3x10.0*4
		AA050MH01						✓		Clear			CMOS	500	1000:1	88/88,88/88	16.7M	118.5x77.8x3.9*4
		AA050MH01--T1						✓		Clear	RES		CMOS	400	950:1	88/88,88/88	16.7M	118.5x77.8x5.1*4
		AA050MH01-DA1						✓		Clear	PCAP	Two points	CMOS [UART,USB]	400	1000:1	88/88,88/88	16.7M	129.1x95.3x10.0*4
5.7	QVGA (320x240)	AA057QD01	✓							Clear			CMOS	450	800:1	80/60,80/80	262k	144.0x104.6x8.8
		AA057QD01--T1	✓							AG	RES		CMOS	360	760:1	80/60,80/80	262k	144.0x104.6x10.4
	VGA (640x480)	AA057VF12	✓	✓			✓			Clear			CMOS	1100	600:1	80/60,80/80	262k	135.0x104.6x8.85
		AA057VF12--T1	✓	✓						AG	RES		CMOS	880	570:1	80/60,80/80	262k	135.0x104.6x10.4
		AA057VG12	✓	✓		✓				AR			CMOS	500*3	185:1*3	50/65,80/80*3	262k	135.0x104.6x8.85
6.5	VGA (640x480)	AA065VE11		✓			✓			AG			LVDS	1300	600:1	80/60,80/80	262k/16.7M	154.0x121.0x11.0
		AA065VE11ADA11		✓			✓			Clear	PCAP	Ten points	LVDS [USB]	1000	600:1	80/60,80/80	262k/16.7M	170.2x132.6x14.5
7.0	Wide-VGA (800x480)	AA070MC01	✓	✓			✓	✓		Clear			LVDS	1000	1000:1	88/88,88/88	262k/16.7M	169.8x109.7x8.9
		AA070MC01ADA11	✓	✓				✓		Clear	PCAP	Ten points	LVDS [USB]	800	1000:1	88/88,88/88	262k/16.7M	189.8x129.7x13.8
		AA070MC11		✓			✓	✓		Clear			LVDS	1300	1000:1	88/88,88/88	262k/16.7M	169.8x109.7x8.9
		AA070MC11ADA11		✓			✓	✓		Clear	PCAP	Ten points	LVDS [USB]	1040	1000:1	88/88,88/88	262k/16.7M	189.8x129.7x13.8
		AA070ME01	✓	✓			✓			AG			LVDS	1000	600:1	60/80,80/80	262k/16.7M	169.8x109.7x8.9
		AA070ME01--T1	✓	✓						Clear	RES		LVDS	800	570:1	60/80,80/80	262k/16.7M	169.8x109.7x10.5
		AA070ME01ADA11	✓	✓						Clear	PCAP	Ten points	LVDS [USB]	800	600:1	60/80,80/80	262k/16.7M	189.8x129.7x13.8
		AA070ME11		✓			✓			AG			LVDS	1500	600:1	60/80,80/80	262k/16.7M	169.8x109.7x8.9
		AA070ME11--T1		✓			✓			Clear	RES		LVDS	1200	570:1	60/80,80/80	262k/16.7M	169.8x109.7x10.5
		AA070ME11ADA11		✓			✓			Clear	PCAP	Ten points	LVDS [USB]	1200	600:1	60/80,80/80	262k/16.7M	189.8x129.7x13.8
		AT070MJ01	✓	✓			✓		✓	AG			LVDS	1000	800:1	60/80,80/80	262k/16.7M	169.8x109.7x8.9
		AT070MJ11		✓			✓		✓	AG			LVDS	1500	800:1	60/80,80/80	262k/16.7M	169.8x109.7x8.9
		AT070MP01	✓	✓			✓	✓	✓	AG			LVDS	1100	1000:1	88/88,88/88	262k/16.7M	169.8x109.7x8.9
		AT070MP11		✓			✓	✓	✓	AG			LVDS	1400	1000:1	88/88,88/88	262k/16.7M	169.8x109.7x8.9
7.8	800x300	AA078AA01	✓	✓	✓			✓		AG			LVDS	500	1000:1	88/88,88/88	262k/16.7M	207.0x86.0x10.0
8.0	Wide-VGA (800x480)	AA080MB01	✓	✓			✓			AG			LVDS	1200	700:1	80/80,80/80	262k/16.7M	192.0x122.0x8.9
		AA080MB01ADA11 NEW	✓	✓						Clear	PCAP	Ten points	LVDS[USB]	960	700:1	80/80,80/80	262k/16.7M	212.0x142.0x14.1
		AA080MB11		✓			✓			AG			LVDS	1500	700:1	80/80,80/80	262k/16.7M	192.0x122.0x8.9
		AA080MB11ADA11 NEW		✓			✓			Clear	PCAP	Ten points	LVDS[USB]	1200	700:1	80/80,80/80	262k/16.7M	212.0x142.0x14.1
		AT080MD01	✓				✓	✓	✓	AG			LVDS	1000	1000:1	88/88,88/88	262k/16.7M	192.0x122.0x11.2
		AT080MD11					✓	✓	✓	AG			LVDS	1000	1000:1	88/88,88/88	262k/16.7M	192.0x122.0x11.2
8.4	VGA (640x480)	AA084VJ01	✓	✓						AG			LVDS	800	800:1	80/60,80/80	262k/16.7M	199.5x149.0x9.7
		AA084VJ11		✓			✓			AG			LVDS	1500	800:1	80/60,80/80	262k/16.7M	199.5x149.0x9.7
		AA084VM01	✓	✓		✓				Clear			LVDS	400*3	130:1*3	50/25,35/50*3	262k/16.7M	199.5x149.0x9.7
		AA084VM11		✓		✓				Clear			LVDS	750*3	130:1*3	50/25,35/50*3	262k/16.7M	199.5x149.0x9.7
	SVGA (800x600)	AA084SC01	✓	✓	✓			✓		AG			LVDS	600	1000:1	88/88,88/88	262k/16.7M	199.5x149.0x9.7
		AA084SC01--T2	✓	✓	✓			✓		AG	RES		LVDS	480	950:1	88/88,88/88	262k/16.7M	199.5x149.0x12.0
		AA084SC01ADA11	✓	✓	✓			✓		Clear	PCAP	Ten points	LVDS [USB]	480	1000:1	88/88,88/88	262k/16.7M	209.5x159.0x14.4
		AA084SD01	✓	✓						AG			LVDS	600	600:1	80/60,80/80	262k/16.7M	199.5x149.0x9.7
		AA084SD01--T2	✓	✓						AG	RES		LVDS	480	570:1	80/60,80/80	262k/16.7M	199.5x149.0x12.0
		AA084SD01ADA11	✓	✓						Clear	PCAP	Ten points	LVDS [USB]	480	600:1	80/60,80/80	262k/16.7M	209.5x159.0x14.4
		AA084SD11		✓			✓			AG			LVDS	1200	600:1	80/60,80/80	262k/16.7M	199.5x149.0x9.7
		AA084SD11ADA11		✓						Clear	PCAP	Ten points	LVDS [USB]	960	600:1	80/60,80/80	262k/16.7M	209.5x159.0x14.4
	XGA (1024x768)	AA084XD01	✓	✓				✓		AG			LVDS	700	1000:1	88/88,88/88	262k/16.7M	199.5x149.0x9.7
		AA084XD01ADA11	✓	✓				✓		Clear	PCAP	Ten points	LVDS [USB]	560	1000:1	88/88,88/88	262k/16.7M	209.5x159.0x14.4
		AA084XD11		✓			✓	✓		AG			LVDS	1000	1000:1	88/88,88/88	262k/16.7M	199.5x149.0x9.7
		AA084XD11ADA11		✓				✓		Clear	PCAP	Ten points	LVDS [USB]	800	1000:1	88/88,88/88	262k/16.7M	209.5x159.0x14.4
		AA084XE01	✓	✓						AG			LVDS	500	800:1	80/60,80/80	262k/16.7M	199.5x149.0x9.7
		AA084XE01ADA11	✓	✓						Clear	PCAP	Ten points	LVDS [USB]	400	800:1	80/60,80/80	262k/16.7M	209.5x159.0x14.4
		AA084XE11		✓			✓			AG			LVDS	1000	800:1	80/60,80/80	262k/16.7M	199.5x149.0x9.7
		AA084XE11ADA11		✓						Clear	PCAP	Ten points	LVDS [USB]	800	800:1	80/60,80/80	262k/16.7M	209.5x159.0x14.4
9.0	Wide-VGA (800x480)	AA090ME01		✓	✓			✓		AG			LVDS	400	900:1	88/88,88/88	262k/16.7M	219.0x136.2x9.5
		AA090ME01--T1		✓	✓			✓		AG	RES		LVDS	320	850:1	88/88,88/88	262k/16.7M	219.0x136.2x11.1
		AA090MH01	✓	✓						AG			LVDS	800	800:1	80/60,80/80	262k/16.7M	219.0x136.2x9.5
		AA090MH11		✓			✓			AG			LVDS	1500	800:1	80/60,80/80	262k/16.7M	219.0x136.2x9.5
	Wide-XGA (1280x768)	AA090TB01	✓	✓				✓		AG			LVDS	800	1000:1	88/88,88/88	262k/16.7M	219.0x136.2x9.5
		AA090TB01-DA2	✓	✓				✓		Clear	PCAP	Two points	LVDS [UART,USB]	640	1000:1	88/88,88/88	262k/16.7M	229.0x146.2x14.3
10.1	Wide-XGA (1280x800)	AA101TA02 NEW	✓					✓		AG			LVDS	500	1000:1	88/88,88/88	262k/16.7M	231.0x153.5x8.5
		AA101TA02ADA11 NEW	✓					✓		Clear	PCAP	Ten points	LVDS[USB]	400	1000:1	88/88,88/88	262k/16.7M	239.0x158.5x13.7
		AA101TA12 NEW					✓	✓		AG			LVDS	1000	1000:1	88/88,88/88	262k/16.7M	231.0x153.5x8.5
		AA101TA12ADA11 NEW						✓		Clear	PCAP	Ten points	LVDS[USB]	800	1000:1	88/88,88/88	262k/16.7M	239.0x158.5x13.7
10.4	VGA (640x480)	AA104VJ02	✓	✓						AG			LVDS	900	800:1	80/60,80/80	262k/16.7M	230.0x180.2x9.5
		AA104VJ02--T1	✓	✓						AG	RES		LVDS	720	760:1	80/60,80/80	262k/16.7M	230.0x180.2x11.1
		AA104VJ12		✓			✓			AG			LVDS	1700	800:1	80/60,80/80	262k/16.7M	230.0x180.2x9.5
	SVGA (800x600)	AA104SJ02	✓	✓	✓			✓		AG			LVDS	600	1000:1	88/88,88/88	262k/16.7M	230.0x180.2x9.5
		AA104SJ02-DE1	✓	✓	✓			✓		Clear	PCAP	Two points	LVDS [UART,USB]	480	1000:1	88/88,88/88	262k/16.7M	240.6x190.8x15.0
		AA104SL02	✓	✓						AG			LVDS	700	700:1	80/60,80/80	262k/16.7M	230.0x180.2x9.5
		AA104SL02--T1	✓	✓						AG	RES		LVDS	560	670:1	80/60,80/80	262k/16.7M	230.0x180.2x11.1
		AA104SL02-DE1	✓	✓						Clear	PCAP	Two points	LVDS [UART,USB]	560	700:1	80/60,80/80	262k/16.7M	240.6x190.8x15.0
		AA104SL12		✓			✓			AG			LVDS	1200	700:1	80/60,80/80	262k/16.7M	230.0x180.2x9.5
		AA104SL12-DE1		✓						Clear	PCAP	Two points	LVDS [UART,USB]	960	700:1	80/60,80/80	262k/16.7M	240.6x190.8x15.0

✻1 White LED backlights are used in all models. ✻2 AG = antiglare treatment, AR = anti-reflection treatment ✻3 Transmissive mode ✻4 W/O FPC ✻5 RES = Resistive Touch Panel

Screen Size (inch)	Resolution (pixel)	Model Name	Features*1							Surface *2	Touch panel *5	PCAP touch points (Max.)	LCD interface [PCAP interface]	Brightness (cd/m²)*3	Contrast Ratio	Viewing Angle (°) <U/D><L/R>	Number of Colors	Outline Dimensions (mm) <W><H><D>
			LED Driver	Natural Color Matrix	Color Saturation 72%	Transflective	Super High Brightness	Super Wide Viewing Angle	Tough TFT-LCD									
10.4	SVGA (800x600)	AT104SN01	✓	✓					✓	AG			LVDS	700	700:1	80/80,80/80	262k/16.7M	230.0x180.2x11.0
		AT104SN11		✓			✓		✓	AG			LVDS	1500	700:1	80/80,80/80	262k/16.7M	230.0x180.2x11.0
	XGA (1024x768)	AA104XF02	✓	✓						AG			LVDS	600	700:1	80/80,80/80	262k/16.7M	230.0x180.2x9.5
		AA104XF02--T1	✓	✓						AG	RES		LVDS	480	670:1	80/80,80/80	262k/16.7M	230.0x180.2x11.1
		AA104XF02-DE2	✓	✓						Clear	PCAP	Two points	LVDS [UART,USB]	480	700:1	80/80,80/80	262k/16.7M	240.6x190.8x15.0
		AA104XF12		✓			✓			AG			LVDS	1000	700:1	80/80,80/80	262k/16.7M	230.0x180.2x9.5
		AA104XF12-DE2		✓						Clear	PCAP	Two points	LVDS [UART,USB]	800	700:1	80/80,80/80	262k/16.7M	240.6x190.8x15.0
		AA104XG02	✓	✓				✓		AG			LVDS	500	1000:1	88/88,88/88	262k/16.7M	230.0x180.2x9.5
		AA104XG02-DE1	✓	✓				✓		Clear	PCAP	Two points	LVDS [UART,USB]	400	1000:1	88/88,88/88	262k/16.7M	240.6x190.8x15.0
		AA104XG12		✓				✓		AG			LVDS	900	1000:1	88/88,88/88	262k/16.7M	230.0x180.2x9.5
		AA104XL02	✓	✓		✓				Clear			LVDS	250*3	120:1*3	25/50,50/35*3	262k/16.7M	230.0x180.2x9.5
		AA104XL12		✓		✓				Clear			LVDS	350*3	120:1*3	25/50,50/35*3	262k/16.7M	230.0x180.2x9.5
		AT104XH01	✓	✓					✓	AG			LVDS	600	700:1	80/80,80/80	262k/16.7M	230.0x180.2x11.0
		AT104XH11		✓			✓		✓	AG			LVDS	1300	700:1	80/80,80/80	262k/16.7M	230.0x180.2x11.0
10.6	Wide-XGA (1280x768)	AA106TA01	✓	✓			✓	✓		Clear			LVDS	1000	1000:1	88/88,88/88	262k/16.7M	250.0x157.0x8.9
		AA106TA01DDA11	✓	✓				✓		Clear	PCAP	Ten points	LVDS [USB]	800	1000:1	88/88,88/88	262k/16.7M	260.0x167.0x13.8
		AA106TA11		✓			✓	✓		Clear			LVDS	1000	1000:1	88/88,88/88	262k/16.7M	250.0x157.0x8.9
		AA106TA11DDA11		✓				✓		Clear	PCAP	Ten points	LVDS [USB]	800	1000:1	88/88,88/88	262k/16.7M	260.0x167.0x13.8
12.1	SVGA (800x600)	AA121ST01	✓	✓	✓			✓		AG			LVDS	600	1000:1	88/88,88/88	262k/16.7M	260.5x203.0x9.5
		AA121SU01	✓	✓						AG			LVDS	800	800:1	80/80,80/80	262k/16.7M	260.5x203.0x9.5
		AA121SU11		✓			✓			AG			LVDS	1500	800:1	80/80,80/80	262k/16.7M	260.5x203.0x9.5
	XGA (1024x768)	AA121XN01	✓	✓						AG			LVDS	700	800:1	80/80,80/80	262k/16.7M	260.5x203.0x9.5
		AA121XN01DDE11 NEW	✓	✓						Clear	PCAP	Ten points	LVDS [USB]	560	800:1	80/80,80/80	262k/16.7M	281.8x220.8x15.1
		AA121XN11		✓			✓			AG			LVDS	1300	800:1	80/80,80/80	262k/16.7M	260.5x203.0x9.5
		AA121XN11--T1		✓			✓			AG	RES		LVDS	1000	760:1	80/80,80/80	262k/16.7M	260.5x203.0x11.8
		AA121XN11DDE11 NEW		✓			✓			Clear	PCAP	Ten points	LVDS [USB]	1040	800:1	80/80,80/80	262k/16.7M	281.8x220.8x15.1
		AA121XP01	✓	✓	✓			✓		AG			LVDS	500	1000:1	88/88,88/88	262k/16.7M	260.5x203.0x9.5
		AA121XP01DDE11 NEW	✓	✓	✓			✓		Clear	PCAP	Ten points	LVDS [USB]	400	1000:1	88/88,88/88	262k/16.7M	281.8x220.8x15.1
		AA121XP13		✓			✓	✓		AG			LVDS	1000	1000:1	88/88,88/88	262k/16.7M	260.5x203.0x9.5
		AA121XP13DDE11 NEW		✓				✓		Clear	PCAP	Ten points	LVDS [USB]	800	1000:1	88/88,88/88	262k/16.7M	281.8x220.8x15.1
	Wide-XGA (1280x800)	AA121TD01	✓	✓						AG			LVDS	800	700:1	80/60,80/80	262k/16.7M	283.0x185.1x9.7
		AA121TD01--T1	✓	✓						AG	RES		LVDS	640	670:1	80/60,80/80	262k/16.7M	283.0x185.1x11.3
		AA121TD01DDE11 NEW	✓	✓						Clear	PCAP	Ten points	LVDS [USB]	640	700:1	80/60,80/80	262k/16.7M	303.0x205.1x15.5
		AA121TD11		✓			✓			AG			LVDS	1500	700:1	80/60,80/80	262k/16.7M	283.0x185.1x9.7
		AA121TD11DDE11 NEW		✓			✓			Clear	PCAP	Ten points	LVDS [USB]	1200	700:1	80/60,80/80	262k/16.7M	303.0x205.1x15.5
		AA121TH01	✓	✓				✓		AG			LVDS	500	1000:1	88/88,88/88	262k/16.7M	283.0x185.1x9.7
		AA121TH01DDE11 NEW	✓	✓				✓		Clear	PCAP	Ten points	LVDS [USB]	400	1000:1	88/88,88/88	262k/16.7M	303.0x205.1x15.3
		AA121TH11		✓			✓	✓		AG			LVDS	1000	1000:1	88/88,88/88	262k/16.7M	283.0x185.1x9.7
		AA121TH11DDE11 NEW		✓				✓		Clear	PCAP	Ten points	LVDS [USB]	800	1000:1	88/88,88/88	262k/16.7M	303.0x205.1x15.3
14.1	Wide-XGA(1280x800)	AA141TC01		✓						AG			LVDS	800	700:1	80/60,80/80	262k/16.7M	326.0x216.5x16.0
15.0	XGA (1024x768)	AA150XT01		✓						AG			LVDS	800	800:1	60/80,80/80	262k/16.7M	326.0x255.0x16.6
		AA150XT01--T1		✓						AG	RES		LVDS	640	760:1	60/80,80/80	262k/16.7M	326.0x255.0x18.2
		AA150XT11		✓			✓			AG			LVDS	1500	800:1	60/80,80/80	262k/16.7M	326.0x255.0x16.6
		AA150XT12-DE1		✓			✓			Clear	PCAP	Two points	LVDS [UART,USB]	1200	800:1	60/80,80/80	262k/16.7M	346.5x275.0x20.6
		AA150XW01	✓	✓	✓			✓		AG			LVDS	500	1000:1	88/88,88/88	262k/16.7M	326.0x255.0x10.5
		AA150XW14		✓			✓	✓		Clear			LVDS	1000	1000:1	88/88,88/88	262k/16.7M	326.0x255.0x10.5
	SXGA+ (1400x1050)	AA150PD03	✓	✓				✓		AG			LVDS	500	1000:1	88/88,88/88	262k/16.7M	326.0x255.0x10.5
		AA150PD13		✓			✓	✓		AG			LVDS	1000	1000:1	88/88,88/88	262k/16.7M	326.0x255.0x10.5
17.0	SXGA(1280x1024)	AA170EC01		✓	✓					AG			LVDS	600	800:1	80/60,80/80	262k/16.7M	358.5x296.5x16.9
17.5	Wide-XGA (1280x768)	AA175TD01		✓						AG			LVDS	700	700:1	80/60,80/80	262k/16.7M	404.0x258.0x16.2
		AA175TE03						✓		AG			LVDS	450	1000:1	88/88,88/88	262k/16.7M	404.0x258.0x16.2
19.0	SXGA (1280x1024)	AA190EA01		✓			✓			AG			LVDS	1500	800:1	80/80,80/80	262k/16.7M	404.2x330.0x14.9
		AA190EA01-DE1		✓			✓			Clear	PCAP	Two points	LVDS [UART,USB]	1200	800:1	80/80,80/80	262k/16.7M	434.0x359.0x18.9
		AA190EB02	✓	✓						AG			LVDS	500	800:1	80/80,80/80	262k/16.7M	404.2x330.0x14.9
		AA190EB02DDE11 NEW	✓	✓						Clear	PCAP	Ten points	LVDS [USB]	400	800:1	80/80,80/80	262k/16.7M	434.0x359.0x18.9
19.2	1/3HD (1920x360)	AA192AA01	✓	✓						AG			LVDS	500	700:1	80/60,80/80	262k/16.7M	496.0x109.2x13.9
		AA192AA51	✓	✓						AG			LVDS	650	700:1	80/80,60/80	262k/16.7M	496.0x109.2x13.9

Thinner and lighter

3.5	QVGA (240x320)	AC035QG01						✓		AG			SPI+RGB	520	1000:1	85/85,85/85	262k	63.5x85.0x4.5*4
		AC035QG01--T1						✓		AG	RES		SPI+RGB	410	950:1	85/85,85/85	262k	63.5x85.0x6.17*4
4.3	Wide-QVGA(480x272)	AC043NA11					✓	✓		AG			CMOS	1000	1000:1	85/85,85/85	16.7M	105.5x67.2x4.5*4
		AC043NA11--T1 NEW						✓		AG	RES		CMOS	800	950:1	85/85,85/85	16.7M	108.3x69.9x6.22*4
5.7	QVGA(320x240)	AC057QE02								AG			CMOS	600	1000:1	60/80,80/80	262k	127.0x100.0x7.3
		AC057QE02--T4 NEW								AG	RES		CMOS	480	950:1	60/80,80/80	262k	127.0x100.0x9.02
	VGA (640x480)	AC057VK04								AG			CMOS	520	600:1	80/60,80/80	262k	127.0x100.0x7.3
		AC057VK04--T4								AG	RES		CMOS	410	570:1	80/60,80/80	262k	127.0x100.0x9.02

Others

10.1	Wide-XGA (1280x800)	AC101TB01 NEW	✓					✓		AG			LVDS	500	1000:1	85/85,85/85	262k/16.7M	231.0x153.5x9.75
		AC101TB01ADA11 NEW	✓					✓		Clear	PCAP	Ten points	LVDS[USB]	400	1000:1	85/85,85/85	262k/16.7M	239.0x158.5x13.0
15.6	HD(1366x768)	AC156GA01	✓							AG			LVDS	450	600:1	150,160	16.7M	363.8x215.9x11.1

Regarding the sales of our thinner, lighter models as well as other model availability, please contact a Mitsubishi Electric sales office.

COLOR TFT-LCD MODULES FOR INDUSTRIAL USE

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