

拓普微彩色液晶模块

TOPWAY Color TFT LCD Module

LCD Module Professional Manufacturer
STABLE & RELIABLE



深圳市拓普微科技开发有限公司
Shenzhen TOPWAY Technology Co., Ltd.

SINCE 1996

www.topwaysz.com
www.topwaydisplay.com
sales@topwaydisplay.com

总公司 / Head Office

深圳市南山区西丽松白公路百旺信工业区5区20栋
Bld. 20, Zone 5, Baiwangxin Industry Park,
Songbai Road, Nanshan Dist., Shenzhen, PRC
TEL: +86 (755) 8179-5700 +86 (755) 8179-5988
FAX: +86 (755) 8179-5891 +86 (755) 8179-5861

上海办事处 / Shanghai Sales Office

上海市新飞路1500号上海松江创业中心51栋
Bld. 51, Shanghai Songjiang Innovation Center,
1500 Xinfu Road, Shanghai, PRC

深圳都会展厅 / Shenzhen Show Room

深圳福田区中航路, 都会电子城, 3楼, C059室
3C059, 3/F, Duhui Electronics Products Market,
Zhonghang Road, Shenzhen, PRC

TOPWAY Main TFT Products List

TOPWAY designs and manufactures industrial TFT display products for more than 20 years. Our reliable products with various interface options can easily fit into any professional application.

Color TFT Modules

SIZE	Model Name	Active Area (mm)	Outline (mm)	Resolution	Interface					Note
					TTL	MCU	LVDS	VGA	HDMI	
1.8"	LMT018DNBFW-D-NAN-1	35.0 x 28.0	52.3x34.0 x 4.7(Max)	128 x 160		●				-
2.8"	LMT028DNHFWL-NBN	57.6 x 43.2	79.0 x 49.1 x 6.6(Max)	320 x 240		●				-
3.5"	LMT035KDH03-3	70.1 x 52.6	76.9 x 63.9 x 3.2(Max)	320 x 240	●					-
	LMT035KDH03-NHN	70.1 x 52.6	92.7 x 72.0 x 9.8(Max)	320 x 240		●				-
4.3"	LMT043DNFFWD	95.0 x 53.9	105.5 x 67.2 x 2.9(Max)	480 x 272	●					-
	LMT043DNFFWD-NCN	95.0 x 53.9	121.0 x 70.0 x 9.5(Max)	480 x 272		●				-
5.0"	LMT050DICFWD	108.0 x 64.8	143.5 x 80.9 x 16.3(Max)	800 x 480	●					-
	LMT050DNCFWU-NBN	108.0 x 64.8	143.5 x 80.9 x 16.3(Max)	800 x 480			●			-
	LMT050DNCFWU-NGN	108.0 x 64.8	142.0 x 79.0 x 11.1(Max)	800 x 480		●				-
	LMT050DNCFWU-NEN	108.0 x 64.8	143.5 x 80.9 x 17.3(Max)	800 x 480				●	●	-
5.6"	LMT056DICFWD-NDN	112.9 x 84.7	155.2 x 109.0 x 13.9(Max)	640 x 480	●					-
	LMT056DICFWD-AEN	112.9 x 84.7	155.2 x 109.0 x 13.9(Max)	640 x 480		●				-
6.8"	LMT068DNNFWD-NAA	163.9 x 55.4	195.0 x 69.9 x 27.1(Max)	1366 x 480				●		-
	LMT068DNNFWD-NBN	163.9 x 55.4	195.0 x 69.9 x 27.1(Max)	1366 x 480			●			-
	LMT068DNNFWD-NCN	163.9 x 55.4	195.0 x 69.9 x 27.1(Max)	1366 x 480		●				-
7.0"	LMT070DICFWD-1	154.1 x 85.9	164.9 x 100.0 x 5.7(Max)	800 x 480	●					-
	LMT070DICFWD-NUN	154.1 x 85.9	190.0 x 112.0 x 12.2(Max)	800 x 480		●				-
	LMT070DICFWD-NLA	154.1 x 85.9	190.0 x 112.0 x 12.2(Max)	800 x 480			●			-
	LMT070DICFWD-NFN-1	154.1 x 85.9	193.5 x 112.0 x 12.2(Max)	800 x 480				●		-
	LMT070DICFWD-AKA	154.1 x 85.9	200.0 x 125.0 x 30.0(Max)	800 x 480			●			With Housing
7.0"	LMT070DNMFWD	154.1 x 85.9	164.9 x 100.0 x 5.7(Max)	1024 x 600	●					-
	LMT070DIMFWD-NAA	154.1 x 85.9	193.5 x 112.0 x 13.4(Max)	1024 x 600				●	●	-
7.0"	LMT070DNDFWD	149.8 x 93.6	161.0 x 107.0 x 3.4(Max)	1280 x 800			●			-
8.0"	LMT080DIEFWU	162.0 x 121.5	183.0 x 141.0 x 5.6(Max)	800 x 600	●					-
	LMT080DIEFWU-AAN-2	162.0 x 121.5	196.0 x 143.9 x 12.7(Max)	800 x 600			●			-
9.0"	LMT090DICFWD	198.0 x 111.7	211.1 x 126.5 x 5.9(Max)	800 x 480	●					-
	LMT090DICFWD-AAA	198.0 x 111.7	226.9 x 150.5 x 22.4(Max)	800 x 480				●		-
	LMT090DICFWD-NLA	198.0 x 111.7	226.9 x 150.5 x 22.4(Max)	800 x 480			●			-
9.2"	LMT092DNPFWD	226.9 x 56.7	237.0 x 72.3 x 5.8(Max)	1920 x 480			●			-
9.7"	LMT097DNGFWD	196.6 x 147.5	210.2 x 166.2 x 3.7(Max)	1024 x 768	●					-
	LMT097DNGFWD-AAN	196.6 x 147.5	231.8 x 167.8 x 15.2(Max)	1024 x 768			●			-
10.1"	LMT101DNMFWD	222.7x 125.3	233.1 x 137.1 x 3.05(Max)	1024 x 600			●			-
	LMT101DNLFW-D-NND	217.0 x 135.6	258.7x 177.3x 8.3(Max)	1280 x 800			●			-
10.4"	LMT104SDH01	211.2 x 158.4	236.0 x 176.9 x 5.6(Max)	800 x 600			●			-
	LMT104DNEFWU-NLA	211.2 x 158.4	247.8 x 199.0 x 23.4(Max)	800 x 600			●			-
12.1"	LMT121DNEFWWD	246.0 x 184.5	276.0 x 209.0 x 9.0(Max)	800 x 600			●			-
12.1"	LMT121DNGFWD	246.0 x 184.5	276.0 x 209.0 x 9.0(Max)	1024 x 768			●			-
15.0"	LMT150DNGFWD-1	304.1 x 228.1	326.5 x 253.5 x 11.8(Max)	1024 x 768			●			-

Please feel free to contact us for product details or options.

Smart LCD Modules

SIZE	Model Name	Active Area (mm)	Outline (mm)	Resolution	Interface	Note
3.5"	HMT035ATA-C	70.1 x 52.6	92.7 x 72.0 x 9.8(Max)	320 x 240	RS232	-
4.3"	HMT043ATA-C	95.0 x 53.9	121.9 x 74.7 x 15.0(Max)	480 x 272	RS232	-
	HKT043ATA-C	95.0 x 53.9	121.9 x 74.7 x 15.0(Max)	480 x 272	RS232	With Housing
5.0"	HMT050ATA-C	108.0 x 64.8	143.5 x 80.9 x 17.3(Max)	800 x 480	RS232	-
	HKT050ATA-C	108.0 x 64.8	160.0 x 105.0 x 22.0(Max)	800 x 480	RS232	With Housing
5.6"	HMT056DA-C	112.9 x 84.7	144.8 x 110.2 x 19.6(Max)	640 x 480	RS232	-
7.0"	HKT070DTA-1C	154.1 x 85.9	200.0 x 125.0 x 30.0(Max)	800 x 480	RS232	With Housing
	HMT070ATA-1C	154.1 x 85.9	200.0 x 125.0 x 30.0(Max)	800 x 480	RS232	-
8.0"	HMT080ATA-C	162.0 x 121.5	196.0 x 143.9 x 17.2(Max)	800 x 600	RS232	-
	HKT080ATA-C	162.0 x 121.5	217.0 x 175.7 x 24.3(Max)	800 x 600	RS232	With Housing
9.0"	HMT090ATA-C	198.0 x 111.7	226.9 x 150.5 x 22.4(Max)	800 x 480	RS232	-
10.4"	HMT104ATA-C	211.2 x 158.4	247.8 x 199.0 x 11.4(Max)	800 x 600	RS232	-

Please feel free to contact us for product details or options.

Interface Boards

Model Name	Outline(mm)	Functions	Note
TCB6202A	70.0x20.0	Touch Panel Controller Interface Board, USB or RS232 Host Interface for PC	For 4 or 5-wire resistive touch Panel
TCB2660	108.0x51.8	VGA Interface board, Built-in LCD driving voltage booster and backlight driver	For TOPWAY LMT104S / LMT121D / LMT150D or Equivalent
TCB1042	70.0x21.0	LED Backlight driver	For TOPWAY LMT104S / LMT097D or Equivalent

Please feel free to contact us for product details or options.

HIGHLIGHT

TOPWAY Color TFT Modules are designed to provide robust and easy to install display products for industrial applications. For many years in business, the broad design experience and the full range of iconic products made TOPWAY a widely recognized brand by customers all over the world. A very consistent quality and steady improvements let TOPWAY become a strategic partner of several famous Fortune 500 companies. TOPWAY Color TFT Modules with their wide range of sizes and interfaces are definitely the best choice for your existing or new products.

PRODUCTS

MCU BUS

For small scale designs, the controlling MCU may only provide limited feature and pin-outs. TOPWAY MCU Interface products with SPI, 8 Bit or even 16 Bit bus allow the designer to connect a display to any resource-limited host.

VGA / HDMI

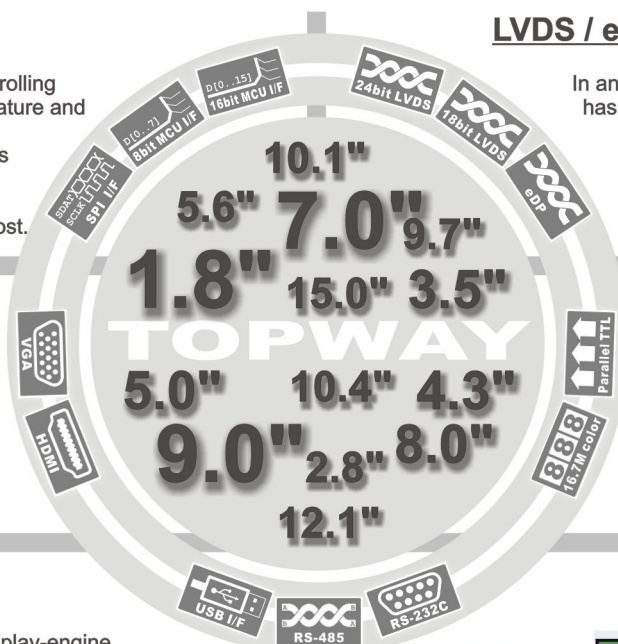
Usually Industrial PC boards provide VGA or HDMI (DVI) as a display interface. TOPWAY's wide range of Industrial VGA / HDMI products connects well to almost any Industrial or Embedded PC.

LVDS / eDP

In an application where the control board has to be placed a bit further away from the display panel, TOPWAY LVDS / eDP Interface TFT solutions should fit.

Parallel RGB

Using MCU with embedded TFT controller, where the MCU is placed close to the display, TOPWAY Parallel RGB Interface TFT products provide the best cost-performance ratio for those applications.



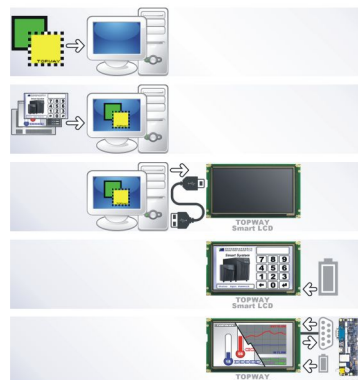
RS-232C / RS-485

TOPWAY Smart LCDs embed display-engine, Flash-Memory and Touch Panel combined with a wide range of TFT display sizes. Designed for easy programming (Zero-Coding) and incorporating a robust hardware making them suitable for a wide range of industrial and instrumentation applications.

The pre-loaded User Interface (UI) reduces the host effort to display graphical contents and provides a smooth user interaction with lower system cost. For systems, which lack display driving capability, limited processing power or which require a very short design to market time (TTM), TOPWAY Smart LCDs could be the ideal choice to provide the graphical user interface.

UI designs are implemented under usage of TOPWAY Graphics Editor, literally allowing designs with Zero-Coding, which dramatically simplifies and speeds up the whole product design process.

- 1 Install TOPWAY Graphics Editor
- 2 Import pictures design UI flow
- 3 Download to Smart LCD
- 4 Power on & display
- 5 Connect to host show real time data



OPTIONS

Water Proof Case

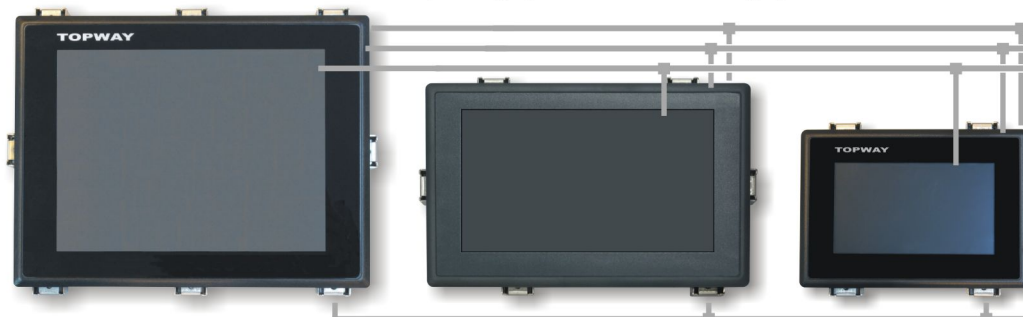
TOPWAY TFT Modules with casing could benefit dust/water proofing and speeding up the mechanical design process.

Water Proof Design
IP65 Standard
Silicon O-Ring

PC / PC+ABS /
Aluminum Alloy
Case

UV Safe Cover

Steel Fixing



Note: It is always recommended to isolate the metal of the TFT from the enclosure. TOPWAY TFT Modules with plastics enclosure do not require additional isolation.

Touch Panel and Interface Board

TOPWAY TFT Modules can be shipped with various combination of touch panel and host interface, such as Capacitive Touch Panels, 4-wire or 5-wire Resistive Touch Panels with USB, RS-232C, I2C or SPI host interface for industrial applications.

Custom design is welcome.

