

DigiWise International Corporation

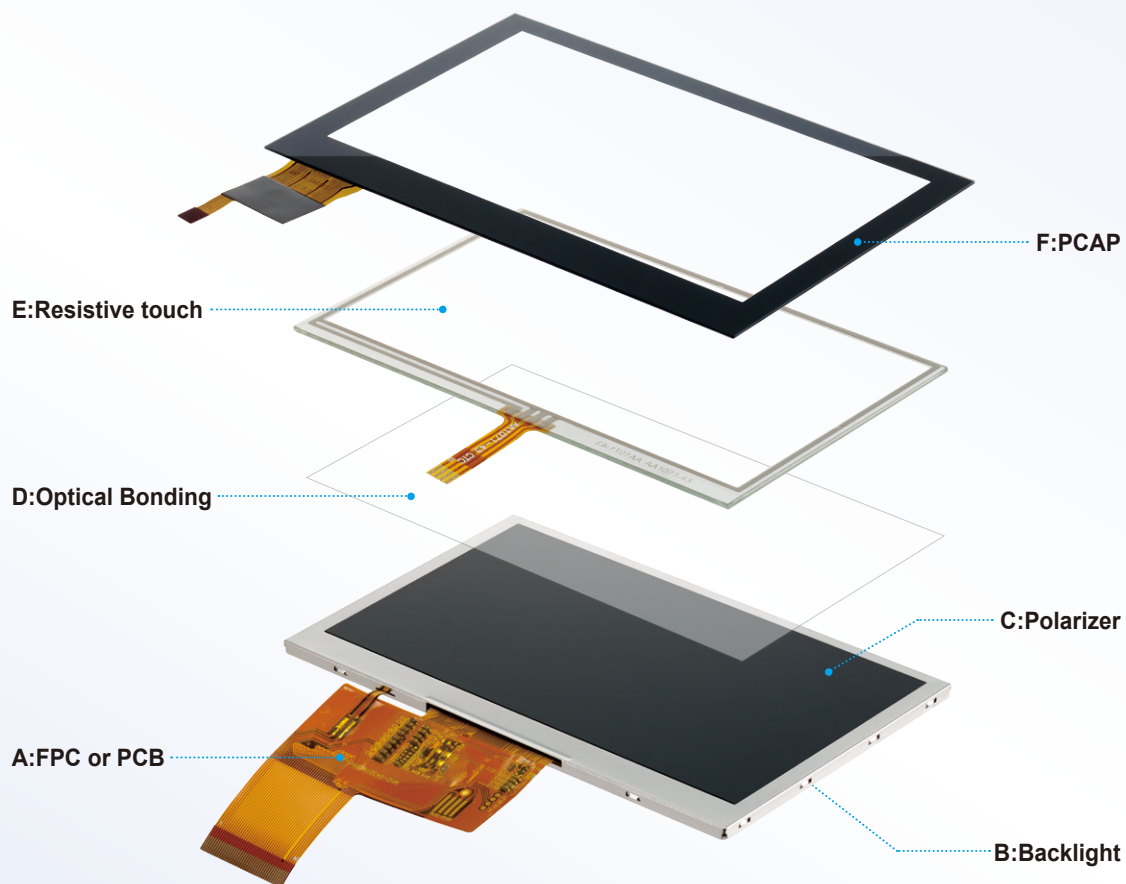
Applications

- ▶ Industrial / Rugged Display
- ▶ High Bright / Touch Display
- ▶ Display System Integration
- ▶ Retail / POS / Information
- ▶ Automation / HMI / Transportation



Technologies

With unique design for the option enhancement technology, DigiWise provides the most advanced and the cost effective for Sunlight readable TFT display, in which it doesn't generate any extra power consumption, excess heat generation and modify the backlight. The aim is to equip a LCD with sufficient reflective function but without compromising its original transmissive and feature and comes with perfect brightness and color saturation for many indoor and outdoor applications



The table below shows all of combinations will cause the various result under the presense of the strong ambient light

Item	Description		Application Suggestions			Available sizes
	Part	Option	Indoor	Semi outdoor	Full outdoor	3.5" to 10.4"
A	FPC	ST	v	v	v	3.5" to 5.7"
	PCB	ST	v	v	v	5.7" to 10.4"
B	BL (nits)	250~400	v			All
		400~800	v	M	L	
		> 1000		H	H	
C	Polarizer	AG	v	L	v	All
		HC	v	L	v	
		AR		H		
		TMR(Bottom)		M	v	
		O-film	v	L	v	
D	Bonding	Air	v	L		All
		Optical		H	v	
E	RTP	4W	v	L		All
		5W	v	L		
		SR		M	v	
F	PCT	ST	v	v	v	All

The explanation of abbreviation ST : Standard AG : Anti-Glare HC : Clear Hard coating AR : Anti-Reflection TMR : Transmssive-Micro-Reflective
O-film : No grey inversion image for TN Type LCD SR : Sunlight Readable 4W : 4 wire resistive touch 5W : 5 wire resistive touch

Effect Level for different combination L: Low M: Middle H: High



Whenever you are looking for someone to help you design and manufacture the right solution within budget and timeframe – DigiWise will provide you with the product that fits the profile.



DigiWise is specialized in industrial LCD panel solutions. It employs skilled and experienced people in the field of displays, backlights, touch and integration. The company has a strong R&D base which is combined with sales & marketing people with a proven track record over at least 10 years.

Our specialty is to provide a full range of small and medium size TFTs, the standard sizes start from 3.5 up to 12.1 inch and with others upon request that are suitable for the industrial market and a multitude of related markets. The TFT products are with wide viewing angles, wide temperature range, high contrast and brightness. Customers benefit from high end development capabilities that result in tailor made solutions, signal integration; touch panel lamination and optical bonding. With true expertise in the field of display design and assembly we are able to create products that are available for a longer period of time.

In face of highly evolving and competitive market, DigiWise is committed to invest in Research and Development with goals of new cutting edge products at very affordable price. In addition, we strongly value the bonding with our customers to meet or exceed their requirements; DigiWise is your trusted solution partner and it is also our great pride to bring concepts to market.

www.digiwise.asia

Product Spec List

Size	Model No.	Resolution	Viewing Direction	Outline Dimension	Active Area	Interface	L (cd/m²)	Temperature O.T/S.T	Touch Panel
3.5" QVGA	13-035QMTB00A0-S	320RGB x 240	6(Gray inversion)	76.9 x 63.9 x 3.3	70.08 x 52.56	TTL 24 bit/54 pin	900	-20~70/-30~80	-
	13-035QMTB4RA0-S			76.9 x 63.9 x 4.4			720		4-wire RTP
	13-035QMTBP1A0-S			79.9 x 68.9 x 4.92			800		PCT_I2C
	13-035QMTB00A1-S			76.9 x 63.9 x 3.3			500		-
	13-035QMTB4RA1-S			76.9 x 63.9 x 4.4			400		4-wire RTP
	13-035QMTBP1A1-S			79.9 x 68.9 x 4.92			450		PCT_I2C
	13-035QMTB00A2-S			76.9 x 63.9 x 3.3			900*		-
	13-035QMTB00A3-S		Free of All	76.9 x 63.9 x 3.3			700		-
4.3" W WQVGA	13-043YMTB00A0-S	480RGB x 272	6(Gray inversion)	105.5 x 67.2 x 2.9	95.04 x 53.856	TTL 24 bit/40 pin	900	-20~70/-30~80	-
	13-043YMTB4RA0-S			105.5 x 67.2 x 4.0			720		4-wire RTP
	13-043YMTBP1A0-S			110.5 x 72.7 x 4.8			800		PCT_I2C
	13-043YMTB00A1-S			105.5 x 67.2 x 2.9			500		-
	13-043YMTB4RA1-S			105.5 x 67.2 x 4.0			400		4-wire RTP
	13-043YMTBP1A1-S			110.5 x 72.7 x 4.8			450		PCT_I2C
	13-043YMTB00A2-S			105.5 x 67.2 x 2.9			900*		-
	13-043YMTB00A3-S		Free of All	105.5 x 67.2 x 2.9			700		-
	13-043YMTB4RB0-S		6(Gray inversion)	105.5 x 67.2 x 4.0		TTL 24 bit/45 pin	350		4-wire RTP
5.0" W WVGA	13-050WMTB00A0-S	800RGB x 480	6(Gray inversion)	118.5 x 77.55 x 3.4	108.0 x 64.8	TTL 24 bit/40 pin	500	-20~70/-30~80	-
	13-050WMTB4RA0-S			118.5 x 77.55 x 4.5			400		4-wire RTP
	13-050WMTB00A1-S			118.5 x 77.55 x 3.4			700		-
	13-050WMTB4RA1-S			118.5 x 77.55 x 4.5			560		4-wire RTP
	13-050WMTBP1A1-S			142.0 x 94.5 x 5.85			600		PCT_I2C
	13-050WMTB00A2-S		Free of All	118.5 x 77.55 x 3.4			700		-
	13-050WMTB00A3-S			118.5 x 77.55 x 3.4			500		-
	13-050WMTB00B0-S			118.4 x 77.45 x 3.0			1000		-
	13-050WMTB00B1-S		6(Gray inversion)	118.4 x 77.45 x 3.0			800		-
	13-050WMTB00B2-S		6(Gray inversion)	118.4 x 77.45 x 3.0			1000*		-
5.7" QVGA TTL	13-057QMTB00B0-S	320RGB x 240	6(Gray inversion)	144 x 104.6 x 12.8	115.2 x 86.4	TTL 18 bit/33 pin	800	-20~70/-30~80	-
	13-057QMTB4RB0-S			144 x 104.6 x 14.3			640		4-wire RTP
	13-057QMTB00B1-S			144 x 104.6 x 12.8			1500		-
	13-057QMTB4RB1-S			144 x 104.6 x 14.3			1200		4-wire RTP
	13-057QMTB00C0-S			144 x 104.6 x 12.8		TTL 18 bit / 40pin / LED Driver	800		-
	13-057QMTB4RC0-S			144 x 104.6 x 14.3			640		4-wire RTP
	13-057QMTB00C1-S			144 x 104.6 x 12.8			1500		-
	13-057QMTB4RC1-S			144 x 104.6 x 14.3			1200		4-wire RTP
5.7" VGA TTL	13-057VMTB00B0-S	640RGB x 480	6(Gray inversion)	144 x 104.6 x 12.8	115.2 x 86.4	TTL 18 bit/33 pin	600	-20~70/-30~80	-
	13-057VMTB4RB0-S			144 x 104.6 x 14.3			480		4-wire RTP
	13-057VMTB00B1-S			144 x 104.6 x 12.8			1200		-
	13-057VMTB4RB1-S			144 x 104.6 x 14.3			960		4-wire RTP
	13-057VMTB00C0-S			144 x 104.6 x 12.8		TTL 18 bit/40 pin/LED Driver	600		-
	13-057VMTB4RC0-S			144 x 104.6 x 14.3			480		4-wire RTP
	13-057VMTB00C1-S			144 x 104.6 x 12.8			1200		-
	13-057VMTB4RC1-S			144 x 104.6 x 14.3			960		4-wire RTP
5.7" VGA LVDS	13-057VMLB00B0-S	640RGB x 480	6(Gray inversion)	144 x 104.6 x 12.8	115.2 x 86.4	LVDS 6 bit/20 pin	600	-20~70/-30~80	-
	13-057VMLB4RB0-S			144 x 104.6 x 14.3			480		4-wire RTP
	13-057VMLB00B1-S			144 x 104.6 x 12.8			1200		-
	13-057VMLB4RB1-S			144 x 104.6 x 14.3			960		4-wire RTP
5.7" VGA TTL Narrow type	13-057VMTB00A0-S	640RGB x 480	12(Gray inversion)	127 x 98.43 x 5.8	115.2 x 86.4	TTL 18 bit/40 pin/LED Driver	600	-20~70/-30~80	-
	13-057VMTB4RA0-S			127 x 98.43 x 7.0			500		4-wire RTP
	13-057VMTB00A1-S			127 x 98.43 x 5.8			900		-
	13-057VMTB4RA1-S			127 x 98.43 x 7.0			720		4-wire RTP
	13-057VMTB00A2-S			127 x 98.43 x 5.8			630		-
			Free of All						
7.0" W WVGA TTL	13-070WMTB00A0-S	800RGB x 480	6(Gray inversion)	165.0 x 104.0 x 3.5	153.6 x 86.64	TTL 18 bit/40 pin/LED Driver	650	-20~70/-30~80	-
	13-070WMTB4RA0-S			165.0 x 104.0 x 5.3			500		4-wire RTP
	13-070WMTB00A1-S			165.0 x 104.0 x 3.5			1000		-
	13-070WMTB4RA1-S			165.0 x 104.0 x 5.3			800		4-wire RTP
	13-070WMTB00A2-S			165.0 x 104.0 x 3.5			400		-
	13-070WMTB4RA2-S	800RGB x 480	6(Gray inversion)	165.0 x 104.0 x 5.3		TTL 18 bit/40 pin	320		4-wire RTP
	13-070WMTB00C0-S			165.0 x 104.44 x 5.3			350		-
	13-070WMTB4RC0-S			165.0 x 104.44 x 6.9			280		4-wire RTP
	13-070WMTBPUC0-S			193.0 x 136.0 x 9.7			320		PCT_USB
7.0" W WVGA LVDS	13-070WMLB00A0-S	800RGB x 480	6(Gray inversion)	165.0 x 104.0 x 3.5	153.6 x 86.64	LVDS 6 bit/20 pin/LED Driver	650	-20~70/-30~80	-
	13-070WMLB4RA0-S			165.0 x 104.0 x 5.3			500		4-wire RTP
	13-070WMLB00A1-S			165.0 x 104.0 x 3.5			1000		-
	13-070WMLB4RA1-S			165.0 x 104.0 x 5.3			800		4-wire RTP
	13-070WMLB00A2-S			165.0 x 104.0 x 3.5			400		-
	13-070WMLB4RA2-S			165.0 x 104.0 x 5.3			320		4-wire RTP
7.0" W WSVGA LVDS	13-070XMLB00A0-S	1024RGB x 600	6(Gray inversion)	165.75 x 105.4 x 3.4	153.6 x 90.0	LVDS 6 bit/20 pin/LED Driver	650	-20~60/-30~70	-
	13-070XMLBP1A0-S			182.6 x 117.0 x 6.35			500		PCT_I2C
	13-070XMLBP1A0-S			193.0 x 136.0 x 7.8			500		PCT_USB
	13-070XMLB00A2-S			165.75 x 105.4 x 3.4			650		-
8.0" SVGA TTL	13-080SMTB00A0-S	800RGB x 600	6(Gray inversion)	183.0 x 141.0 x 5.8	162.0 x 121.5	TTL 18 bit/40 pin	500	-20~70/-30~80	-
	13-080SMTB4RA0-S			183.0 x 141.0 x 7.35			400		4-wire RTP
	13-080SMTB4RB0-S			183.0 x 141.0 x 7.35			400		4-wire RTP
	13-080SMTB4RC0-S			183.0 x 141.0 x 7.35			400		4-wire RTP
	13-080SMTB00A1-S			183.0 x 141.0 x 5.8		TTL 18 bit / 40pin / LED.Driver	500		-
	13-080SMTB00A2-S			183.0 x 141.0 x 5.8			750		-
	13-080SMTB00A3-S			183.0 x 141.0 x 6.3		TTL 18 bit/40 pin	1300		-
	13-080SMTB00A3-S			183.0 x 141.0 x 6.3			420		PCT_I2C
	13-080SMTBP1A0-S			194.8 x 150.4 x 8.0					
8.0" SVGA LVDS	13-080SMLB00A0-S	800RGB x 600	6(Gray inversion)	183.0 x 141.0 x 5.8	162.0 x 121.5	LVDS 6 bit/20 pin	500	-20~70/-30~80	-
	13-080SMLB4RA0-S			183.0 x 141.0 x 7.35			400		4-wire RTP
	13-080SMLB4RB0-S			183.0 x 141.0 x 7.35			400		4-wire RTP
	13-080SMLB4RC0-S			183.0 x 141.0 x 7.35			400		4-wire RTP
	13-080SMLB00A1-S			183.0 x 141.0 x 5.8			750		-
	13-080SMLB00A2-S			183.0 x 141.0*6.3			1300		-
	13-080SMLBP1A0-S			194.8 x 150.4 x 8.0			420		PCT_I2C
8.0" XGA LVDS	13-080GMLB00A0-S	1024RGB x 768	IPS	183.0 x 141.0 x 6.3	162.048*121.536	LVDS 6 bit/20 pin	1200	-10~50/-20~60	-
	13-080GMLB4RA0-S			183.0 x 141.0 x 7.85			1000		4-wire RTP
	13-080GMLB00A1-S			183.0 x 141.0 x 6.3		LVDS 6 bit/20 pin/LED Driver	600		-
	13-080GMLB4RA1-S			183.0 x 141.0 x 7.85			500		4-wire RTP

*The TFT display with AR polarizer film for outdoor application

Product Spec List

Size	Model No.	Resolution	Viewing Direction	Outline Dimension	Active Area	Interface	L (cd/m ²)	Temperature O.T/S.T	Touch Panel
10.1" W WSVGA LVDS	13-101XMLA00A0-S	1024RGB x 600	6(Gray inversion)	235.0 x 143.0 x 3.8	222.72 x 125.22	LVDS 6 bit/20pin/LED Driver	300	-10~50/-20~60	-
	13-101XMLA4RA1-S			235.0 x 143.0 x 5.36			240		4-wire RTP
	13-101XMLA5RA1-S			235.0 x 143.0 x 6.15			240		5-wire RTP
	13-101XMLAPCA1-S			247.8 x 158.82 x 6.15			240		PCT_USB
	13-101XMLAPIA1-S			247.8 x 158.82 x 6.15			240		PCT_I2C
	13-101XMLA00A1-S			235.0 x 143.0 x 3.8			450		-
	13-101XMLA4RA0-S			235.0 x 143.0 x 5.36			360		4-wire RTP
	13-101XMLA5RA0-S			235.0 x 143.0 x 6.15			360		5-wire RTP
	13-101XMLAPCA0-S			247.8 x 158.82 x 6.15			360		PCT_USB
	13-101XMLAPIA0-S			247.8 x 158.82 x 6.15			360		PCT_I2C
10.1" W WSVGA LVDS	13-101XMLA00C0-S	1024RGB x 600	6(Gray inversion)	235.0 x 143.0 x 3.8	222.72 x 125.22	LVDS 6 bit/20pin/LED Driver	300	-20~70/-30~80	-
	13-101XMLA4RC1-S			235.0 x 143.0 x 5.36			240		4-wire RTP
	13-101XMLA5RC1-S			235.0 x 143.0 x 6.15			240		5-wire RTP
	13-101XMLAPCC1-S			247.8 x 158.82 x 6.15			240		PCT_USB
	13-101XMLAPIC1-S			247.8 x 158.82 x 6.15			240		PCT_I2C
	13-101XMLA00C1-S			235.0 x 143.0 x 3.8			450		-
	13-101XMLA4RC0-S			235.0 x 143.0 x 5.36			360		4-wire RTP
	13-101XMLA5RC0-S			235.0 x 143.0 x 6.15			360		5-wire RTP
	13-101XMLAPCC0-S			247.8 x 158.82 x 6.15			360		PCT_USB
	13-101XMLAPIC0-S			247.8 x 158.82 x 6.15			360		PCT_I2C
	13-101XMLA00C8-S			235.0 x 143.0 x 4.9		LVDS 6 bit/20pin	1000		-
10.1" W WXGA LVDS	13-101ZMLB00A0-S	1280RGB x 800	12(Gray inversion)	229.5 x 152.5 x 5.5	216.95 x 135.6	LVDS-6 bit / 20pin (K)	450	-10~50/-20~60	-
	13-101ZMLB4RA0-S			229.5 x 152.5 x 7.05			360		4-wire RTP
	13-101ZMLBPCA0-S			229.5 x 152.5 x 9.85		LVDS-8 bit / 30pin (L)	400		PCT_USB
	13-101ZMTVBPCA0-S			229.5 x 152.5 x 9.85			400		PCT_USB
10.4" SVGA TTL	13-104VMTB00A0-S	800RGB x 600	6(Gray inversion)	228.4 x 175.4 x 5.9	211.2 x 158.4	TTL 18 bit/40pin/LED.Driver	250	-10~50/-20~60	-
	13-104VMTB4RA0-S			228.4 x 177.7 x 7.4			200		4-wire RTP
	13-104VMTB00A1-S			236 x 174 x 5.7		TTL 18 bit/40pin	600		-
	13-104VMTB4RA1-S			228.4 x 177.7 x 7.4			480		4-wire RTP
10.4" XGA LVDS	13-104GMLB00A0-S	1024RGB x 768	6(Gray inversion)	236 x 174 x 5.7	211.2 x 158.4	LVDS 6 bit/30pin	1000	-20~70/-30~80	-
	13-104GMLB4RA0-S			236 x 174 x 7.25			800		4-wire RTP
	13-104GMLB5RA0-S			236 x 174 x 8.0			800		5-wire RTP
	13-104GMLBPCA0-S			236 x 174 x 10.05			900		PCT_USB
	13-104GMLB00A1-S			236 x 174 x 5.7			400		-
	13-104GMLB4RA1-S			236 x 174 x 7.25			320		4-wire RTP
	13-104GMLB5RA1-S			236 x 174 x 8.0			320		5-wire RTP
	13-104GMLBPCA1-S			236 x 174 x 10.05			360		PCT_USB
12.1" W WXGA LVDS	13-121ZVLB00A0-S	1280RGB x 800	MVA	278 x 184 x 8.16	261.12 x 163.2	LVDS 8 bits/30pin/LED Driver	400	-10~70/-20~80	-
	13-121ZVLB4RA0-S			278 x 184 x 10.38			320		4-wire RTP
	13-121ZVLBPUA0-S			328 x 226 x 12.56			350		PCT_USB
12.1" XGA LVDS	13-121GMLB00A0-S	1024RGB x 768	6(Gray inversion)	260.5 x 204 x 7.2	245.76 x 184.32	LVDS 8 bits/20pin/LED Driver	500	-30~70/-40~80	-
	13-121GMLB4RA0-S			271 x 205.9 x 9.55			400	-20~70/-30~80	4-wire RTP
	13-121GMLBPUA0-S			315 x 253 x 11.55			450		PCT_USB
	13-121GMLC00H0-S			279 x 209 x 9.0			1000	-30~85/-30~85	-

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