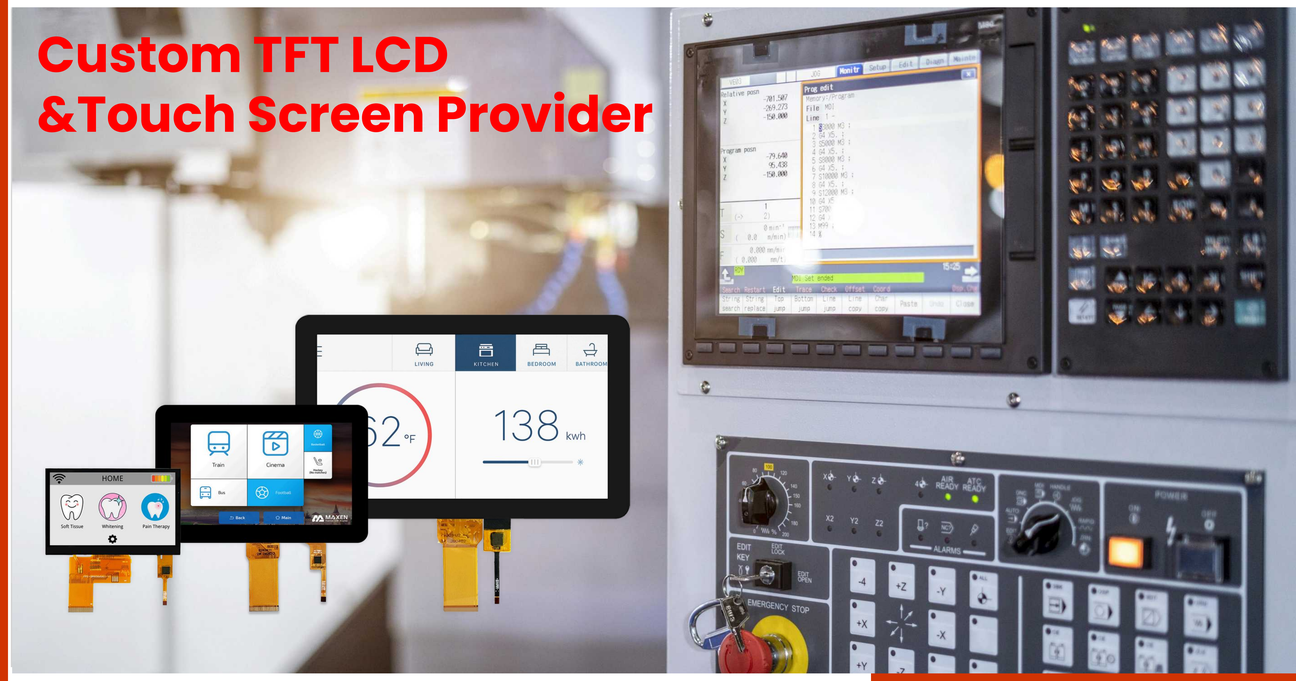
MAXEN
Custom LCD Display

Headquarter Address: 40A, Fl.4, No. 2 Building, Cosmo Technopark, Fenggang Town, Dongguan, China
LCD Base: Blg. 5, No. 2, Huangyong Ind. Heng Rd, Zhongtang Town, Dongguan, China
Touchscreen Base: No. 1 Qingtang Rd, Jinxing Ind. Zone, Xia Comm., Qingxi Town, Dongguan, China
Email: sales@maxen-lcddisplay.com
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MAXEN
Custom LCD Display

Custom TFT LCD &Touch Screen Provider



Maxen Electronics Limited

About Company



Maxen is a manufacturer of TFT LCD displays and touch screens, founded in 2010 and located in Dongguan, China. Having two production bases and about 200 employees, we mainly provide high-brightness LCD displays with customized touch screens assembled. Product design is based on long time stability using in harsh environment with 5-10 years availability.

Features products,
1) IPS technology and sunlight readable TFT displays
2) Touch screens with anti UV or ceramic painting for outdoor
3) OCA and OCR optical bonding for TFT with Touch panel

With a moderate but cost-effective price strategy, we help customers obtain high-quality, durable and economical display solutions in multiple industry applications.

Reliable

14 years of industry experince & 8 years of import and export experience.

Certified

ISO 9001:2015 and ISO 14001:2015 certified.

Stable

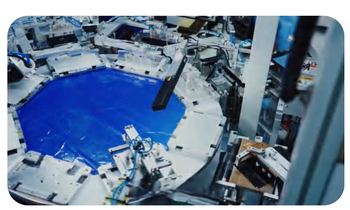
5-10 year products availability.

Turnkey

TFT LCD display, Touch screens, HDMI/DSI board and assembling services optional.










2010

Company was founded, marking the start of our journey in display manufacturing.



2014

Launched the touch screen production line, boosting product integration and innovation.



2016

Established the Overseas Business Division in Dongguan to better serve our global clients.



2023

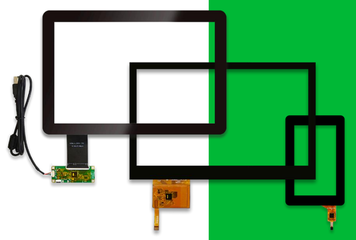
Moved to self purchased factory base, opening a new chapter of the company.

PRODUCT CATEGORIES



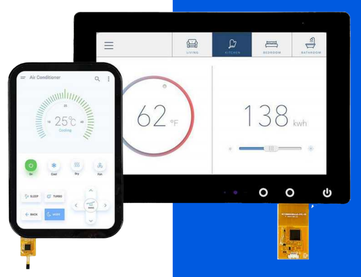
TFT LCD Display

- Regular TFT LCD 2.4" to 15.6"
- Bar Type Display
- Round Type Display
- Display Module with Custom PCB



Custom Touch Screen

- Projected Capacitive Touch Screen
- Custom Glass Cover
- Custom FPC interface



Optical Bonding

- OCA with optical clear adhesive
- OCR with optical clear resin

Industries We Serve



Handheld Device



Access Control



Thermostat



Measuring Device



Coffee Machine



Smart Printer



Conference System



Washing Machine



Smart Home



EV Dashboard



Industrial HMI



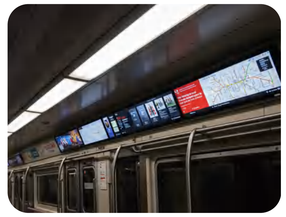
Medical Device



Agricultural Machinery



Charging Station



PIDS Display



Digital Signage

Outdoor high brightness

High temperature

High humidity



Regular
TFT LCD Display

- IPS Full Viewing Angle
- High Brightness & Sunlight Readable
- High Color Gamut
- Wide Temperature
- Industrial A Grade







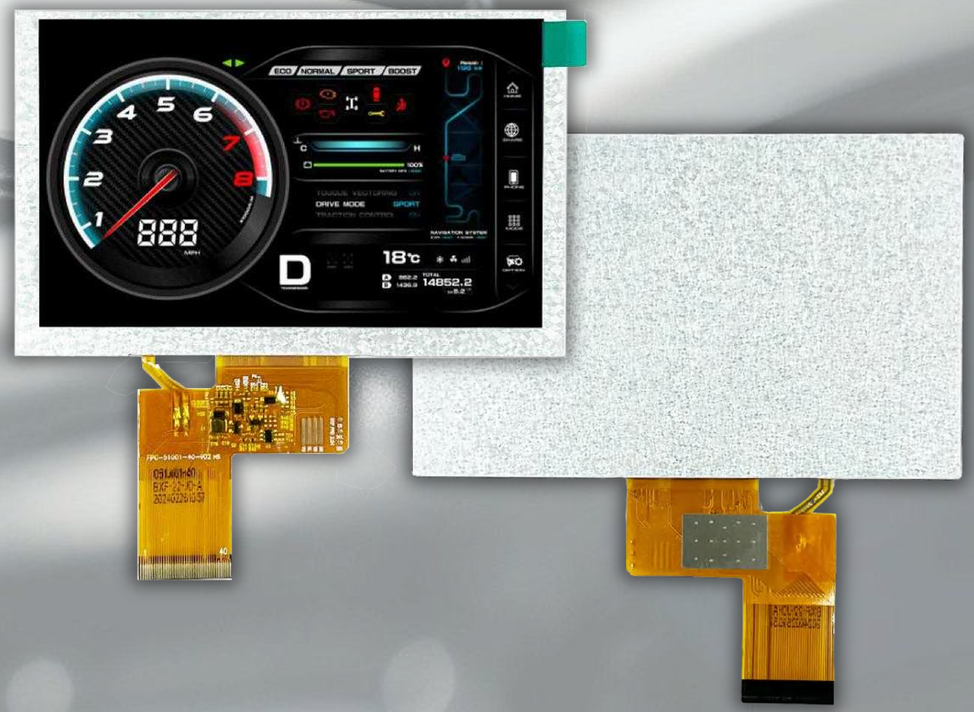
Size	Resolution	LCD Type	Brightness (nits)	Interface	Viewing Angle (T/B/L/R)	Operation Temp. (℃)	Outline Dimension (mm)	Active Area (mm)
0.96 inch	80*160	IPS	450	SPI	80/80/80/80	-20~70 ℃	13.30*27.95*1.50	10.80*21.70
0.96 inch	128*64	IPS	100	MCU	80/80/80/80	-40~85 ℃	26.70*19.26*1.40	21.74*11.20
1.5 inch	192*64	TN	-	SPI	-	-20~70 ℃	41.40*22.20*3.20	37.60*14.20
1.69 inch	240*280	IPS	300	SPI	80/80/80/80	-20~70 ℃	30.07*37.43*1.56	28.63*35.64
2.0 inch	240*320	IPS	320	SPI	85/85/85/85	-20~70 ℃	37.88*51.50*2.50	30.60*40.80
2.4 inch	240*320	IPS	500	SPI	80/80/80/80	-20~70 ℃	42.72*60.40*2.20	48.96*36.72
2.4 inch	640*480	IPS	500	RGB	80/80/80/80	-20~70 ℃	42.62*58.50*2.25	36.72*48.96
2.8 inch	240*320	IPS	300	SPI	80/80/80/80	-20~70 ℃	50*69.20*2.25	43.20*57.60
2.8 inch	320*240	IPS	1000	SPI	80/80/80/80	-20~70 ℃	50.50*69.70*2.10	43.20*57.60
2.8 inch	640*480	IPS	1000	MIPI	80/80/80/80	-20~70 ℃	49.90*67.70*2.30	43.20*57.60
2.9 inch	376*960	IPS	450	RGB	80/80/80/80	-20~70 ℃	28.51*74.31*0.80	26.51*67.68
3.0 inch	360*640	IPS	500	MIPI	80/80/80/80	-20~70 ℃	42.70*74.70*2.20	40.64*72.57
3.2 inch	640*480	IPS	350	MCU+SPI	80/80/80/80	-20~70 ℃	55.04*77.50*2.41	48.60*64.80
3.5 inch	128*64	IPS	-	Serial/Parallel	-	-20~70 ℃	42.20*54.60*4.33	31*50.60
3.5 inch	320*240	TN	350	RGB	50/60/70/70	-20~70 ℃	76.90*63.90*3.26	70.08*52.56
3.5 inch	320*240	IPS	550	RGB	80/80/80/80	-30~85 ℃	76.90*63.90*3.20	70.08*52.56
3.5 inch	320*480	IPS	350	SPI	80/80/80/80	-20~70 ℃	54.66*82.94*2.20	48.96*73.44
3.5 inch	480*800	IPS	270	SPI	80/80/80/80	-20~70 ℃	52.96*87.20*4.80	45.36*75.60
3.5 inch	640*480	IPS	450	MIPI	80/80/80/80	-20~70 ℃	76.90*63.90*3.20	70.08*52.56
3.97 inch	480*800	IPS	400	MIPI	80/80/80/80	-20~70 ℃	57.14*96.85*1.95	51.84*86.40
4.0 inch	480*800	IPS	500	MIPI	80/80/80/80	-20~70 ℃	55.54*96.20*2.13	51.84*86.40
4.3 inch	480*272	TN	300	RGB	45/60/60/60	-20~70 ℃	105.50*67.20*3	95.04*53.86
4.3 inch	800*480	IPS	500	RGB	80/80/80/80	-30~85 ℃	105.50*67.20*3	95.04*53.86
4.3 inch	800*480	IPS	1000	RGB	80/80/80/80	-20~70 ℃	105.50*67.20*3	95.04*53.86
4.5 inch	480*854	IPS	250	MIPI	80/80/80/80	-20~70 ℃	60*109*2	55.44*98.64
5.0 inch	480*272	TN	350	RGB	70/50/70/70	-20~70 ℃	120.70*75.80*3	110.88*62.83
5.0 inch	480*272	IPS	500	RGB	85/85/85/85	-20~70 ℃	120.70*75.80*2.90	110.88*62.83
5.0 inch	800*480	IPS	1000	RGB	80/80/80/80	-20~70 ℃	120.70*75.90*3.05	108*64.80
5.0 inch	1024*600	IPS	1000	RGB	85/85/85/85	-20~70 ℃	120.70*75.90*2.90	108.03*64.80
5.0 inch	1024*600	IPS	500	LVDS	85/85/85/85	-30~80 ℃	120.70*75.80*2.90	108.03*64.80
5.0 inch	1024*600	IPS	1000	MIPI	85/85/85/85	-20~70 ℃	120.70*75.80*2.90	108.03*64.80
5.0 inch	1280*720	IPS	400	MIPI	80/80/80/80	-20~70 ℃	64.80*118.40*1.59	62.10*110.40
5.0 inch	480*854	IPS	450	MIPI	80/80/80/80	-20~70 ℃	66.40*120.05*2.30	61.63*109.65
5.0 inch	720*1280	IPS	500	MIPI	80/80/80/80	-20~70 ℃	66.40*120.05*2	62.10*110.40
5.5 inch	480*960	IPS	450	MIPI	80/80/80/80	-20~70 ℃	66.40*131.93*2.35	61.88*123.75
5.5 inch	720*1440	TN	80	MIPI	55/55/55/55	-30~80 ℃	130.51*64.24*1.64	120.96*60.48
5.6 inch	640*480	IPS	350	RGB	80/80/80/80	-20~70 ℃	126.50*100*5.70	115.20*114.15
5.7 inch	320*240	TW	450	RGB	70/50/70/70	-20~70 ℃	144*104.60*5.20	115.20*86.40
5.7 inch	640*480	TN	700	RGB	60/40/70/70	-20~70 ℃	127*98.43*5.80	115.20*86.40
6.8 inch	1280*720	IPS	600	MIPI	85/85/85/85	-20~70 ℃	165.60*92.34*4.75	151.18*85.04
6.95 inch	1024*600	IPS	250	MIPI	80/80/80/80	-10~60 ℃	163.30*95*2.60	89.28*152.37
7.0 inch	800*480	TN	300	RGB	50/60/60/60	-20~70 ℃	164.86*99.96*3.40	153.84*85.63
7.0 inch	800*480	TN	350	RGB	70/75/75/75	-20~70 ℃	164.86*99.96*3.50	153.84*85.63
7.0 inch	800*480	IPS	350	RGB	80/80/80/80	-20~70 ℃	165*104.09*5.30	152.40*91.44
7.0 inch	800*480	IPS	500	RGB	85/85/85/85	-20~70 ℃	164.20*99.30*3.20	153.84*85.63
7.0 inch	800*480	IPS	400	LVDS	80/80/80/80	-30~80 ℃	165*104.09*5.30	152.40*91.44
7.0 inch	1024*600	IPS	350	RGB	80/80/80/80	-20~70 ℃	164*97*3.50	154.21*85.92
7.0 inch	1024*600	IPS	1000	RGB	80/80/80/80	-20~70 ℃	165*100*5.70	154.21*85.92
7.0 inch	1024*600	IPS	1000	LVDS	80/80/80/80	-20~70 ℃	164.70*100*3.50	154.21*85.92
7.0 inch	1280*768	IPS	1000	LVDS	85/85/85/85	-30~85 ℃	165*104.54*5.25	152.45*91.45
7.0 inch	800*1280	IPS	250	MIPI	80/80/80/80	-10~60 ℃	99.75*161.60*2.60	94.20*150.72
7.0 inch	1200*1920	IPS	800	LVDS	80/80/80/80	-20~70 ℃	161*98.80*7.39	151.37*94.50
7.0 inch	1200*1920	IPS	350	MIPI	80/80/80/80	-10~60 ℃	98.70*160.80*2.20	94.50*151.20
8.0 inch	800*480	TW	450	RGB	70/70/50/70	-20~70 ℃	192.80*116.90*6.40	176.64*99.36
8.0 inch	800*600	TN	330	RGB	50/70/70/70	-20~70 ℃	183*141*5.60	162*121.50

Size	Resolution	LCD Type	Brightness (nits)	Interface	Viewing Angle (T/B/L/R)	Operation Temp. (℃)	Outline Dimension (mm)	Active Area (mm)
8.0 inch	800*600	TN	1000	RGB	50/70/70/70	-20~70 ℃	183*141*5.80	162*121.50
8.0 inch	1024*768	IPS	350	LVDS	85/85/85/85	-10~60 ℃	183*141*3.50	162.05*121.54
8.0 inch	1024*768	IPS	1000	LVDS	85/85/85/85	-10~50 ℃	183*141*5.50	162.05*121.54
8.0 inch	1280*720	TN	750	LVDS	85/85/85/85	-30~85 ℃	187.20*117.05*8.40	176.64*99.36
8.0 inch	1280*720	IPS	500	LVDS	85/85/85/85	-30~75 ℃	192.80*116.90*6.40	177.02*99.58
8.0 inch	800*1280	IPS	550	MIPI	80/80/80/80	-10~60 ℃	114.60*184.10*2.50	107.64*172.22
8.0 inch	800*1280	IPS	250	MIPI	80/80/80/80	-10~60 ℃	114.60*184.10*2.60	107.64*172.22
8.0 inch	1200*1920	IPS	350	MIPI	80/80/80/80	-10~60 ℃	114.60*184.10*2.20	107.64*172.22
8.4 inch	800*600	TN	350	LVDS	80/60/80/80	-20~70 ℃	203*142.50*5.70	170.40*127.80
8.4 inch	800*600	TN	1000	LVDS	80/60/80/80	-20~70 ℃	203*142.50*5.70	170.40*127.80
8.9 inch	1024*420	IPS	500	MIPI	80/80/80/80	-20~70 ℃	206.10*90.40*3.20	196.61*80.45
9.0 inch	800*480	TN	250	RGB	50/70/70/70	-10~50 ℃	210.70*126.40*3.50	198*111.70
9.0 inch	1024*600	IPS	450	RGB	80/80/80/80	-20~70 ℃	210.70*126.40*5	196.61*114.15
9.0 inch	1024*600	IPS	500	LVDS	80/80/80/80	-20~70 ℃	210.70*126.40*5	196.61*114.15
9.0 inch	1024*600	IPS	450	MIPI	85/85/85/85	-20~70 ℃	210.70*126.40*5	196.61*114.15
9.0 inch	1280*720	IPS	880	LVDS	80/80/80/80	-30~85 ℃	212.20*127.50*10.46	198.72*111.78
9.0 inch	720*1280	IPS	500	MIPI	80/80/80/80	-20~70 ℃	126.50*210.70*5.10	114.05*196.61
9.7 inch	1024*768	IPS	350	LVDS	89/89/89/89	0~50 ℃	205.81*158.06*2.90	196.61*147.46
10.1 inch	1024*600	TN	230	RGB	40/50/50/50	-20~70 ℃	235*143*2.80	222.72*125.28
10.1 inch	1024*600	TN	230	MIPI	50/70/70/70	-20~60 ℃	235*143*2.80	222.72*125.28
10.1 inch	1024*600	IPS	600	RGB	85/85/85/85	-20~70 ℃	235*143*5.20	222.72*125.28
10.1 inch	1024*600	IPS	1000	RGB	85/85/85/85	-20~70 ℃	235*143*5.20	222.72*125.28
10.1 inch	1024*600	IPS	1000	LVDS	85/85/85/85	-20~70 ℃	235*143*4.80	222.72*125.28
10.1 inch	1024*600	IPS	500	MIPI	85/85/85/85	-20~70 ℃	235*143*3.50	222.72*125.28
10.10 inch	1024*600	IPS	1000	MIPI	85/85/85/85	-20~70 ℃	235*143*4.45	222.72*125.28
10.1 inch	1280*800	IPS	330	LVDS	85/85/85/85	-20~70 ℃	229.46*149.30*2.55	216.96*135.60
10.1 inch	1280*800	IPS	1000	LVDS	85/85/85/85	-20~70 ℃	229.46*149.10*4.70	216.96*135.60
10.1 inch	1920*1200	IPS	300	LVDS	85/85/85/85	-20~70 ℃	228.16*148.91*2.55	216.81*135.50
10.1 inch	1920*1200	IPS	1000	EDP	85/85/85/85	-20~70 ℃	228.60*149.10*4.30	216.58*135.36
10.1 inch	720*1280	IPS	400	MIPI	80/80/80/80	-20~70 ℃	235*143*4.50	222.72*125.28
10.1 inch	800*1280	IPS	300	mipi	85/85/85/85	-10~50 ℃	143*228.60*2.50	135.36*216.58
10.1 inch	800*1280	IPS	1000	MIPI	80/80/80/80	-20~70 ℃	143*228.60*2.60	135.36*216.58
10.1 inch	1200*1920	IPS	400	MIPI	85/85/85/85	-10~50 ℃	143*228.60*2.50	135.36*216.58
10.36 inch	1200*2000	IPS	340	MIPI	80/80/80/80	-10~50 ℃	140.46*234.74*2	135.36*225.60
10.4 inch	800*600	TW	400	RGB	60/60/50/60	-20~70 ℃	228.50*175.50*6	211.20*158.40
10.4 inch	1024*768	IPS	350	LVDS	80/80/80/80	-10~60 ℃	228.40*175.40*5.90	210.43*157.82
10.4 inch	1024*768	IPS	1000	LVDS	85/85/85/85	-30~80 ℃	238.60*175.80*6.50	210.43*157.82
11.6 inch	1920*1080	IPS	600	EDP	85/85/85/85	-20~70 ℃	267.72*164.42*6.10	256.32*144.18
12.1 inch	1024*768	IPS	950	LVDS	85/85/85/85	-20~70 ℃	260.50*204*8.60	245.76*184.32
12.1 inch	1280*800	IPS	500	LVDS	85/85/85/85	-20~70 ℃	269.12*173*3.50	261.12*163.20
12.1 inch	1280*800	IPS	1000	LVDS	85/85/85/85	-20~70 ℃	277.70*180.60*8.70	261.12*163.20
13.3 inch	1920*1080	IPS	400	EDP	85/85/85/85	0~50 ℃	305.20*165.24*2.60	293.76*165.24
13.3 inch	2560*1600	IPS	300	EDP	85/85/85/85	0~50 ℃	292.52*189.79*24	286.46*179.04
14.0 inch	1920*1080	IPS	300	EDP	89/89/89/89	0~50 ℃	315.89*197.11*2.80	309.31*173.99
14.0 inch	2560*1600	IPS	300	EDP	89/89/89/89	0~50 ℃	306.82*198.54*2.40	301.82*188.64
14.0 inch	2880*1800	IPS	400	EDP	85/85/85/85	-20~70 ℃	305.15*197.97*3.07	301.82*188.64
15.0 inch	1024*768	IPS	350	LVDS	89/89/89/89	-20~70 ℃	326.50*253.50x9.70	304.13*228.10
15.0 inch	1024*768	IPS	1000	LVDS	89/89/89/89	-20~70 ℃	326.50*253.50x9.70	304.13*228.10
15.6 inch	1920*1200	IPS	250	LVDS	85/85/85/85	0~50 ℃	351.86*206.33*6.31	344.16*193.60
15.6 inch	1920*1080	IPS	1000	LVDS	85/85/85/85	-30~85 ℃	363.80*215.90*11.90	344.16*193.60
15.6 inch	1920*1080	IPS	350	EDP	85/85/85/85	0~50 ℃	350.72*204.98*2.82	344.16*193.60
17.0 inch	1280*1024	IPS	250	LVDS	89/89/89/89	0~50 ℃	358.50*296.50*10.30	337.92*270.34
18.5 inch	1366*768	IPS	250	LVDS	89/89/89/89	0~50 ℃	430.40*254.60*9.50	409.80*230.40
21.5 inch	1920*1080	IPS	250	LVDS	89/89/89/89	0~50 ℃	487.44*278.18*9.50	478.64*268.11
21.5 inch	1920*1080	IPS	1000	LVDS	89/89/89/89	0~50 ℃	495.60*292.20*11.60	478.64*268.11

MAXEN
Custom LCD Display

5 inch 1024*600 TFT Display

Ideal for e-bicycle/motorcycle navigation



High Brightness
Up to 2000+ nits for outdoor use.

Wide Temp Range
Operates from -30°C to 85°C.

Multiple Interfaces
Supports RGB, LVDS, MIPI.

Cost-Effective
G8.5 process, single chip.

Stretched Bar Type Display





Size	Resolution	LCD Type	Brightness (nits)	Interface	Viewing Angle (T/B/L/R)	Operation Temp. (°C)	Outline Dimension (mm)	Active Area (mm)
3.5 inch	340*800	IPS	350	SPI	85/85/85/85	-20~70 °C	36.67*88.45*1.40	164.21*85.92
3.9 inch	400*960	IPS	350	SPI+RGB	85/85/85/85	-20~70 °C	42.70*102.18*2.25	39.18*94.03
3.9 inch	480*128	TW	500	RGB	50/70/70/70	-20~70 °C	105.50*40.64*2.95	95.04*25.34
4.0 inch	400*960	IPS	420	SPI+RGB	85/85/88/88	-20~70 °C	42.50*102.08*2.09	39.18*94.03
4.6 inch	320*960	IPS	300	MIPI	80/80/80/80	-20~70 °C	41.57*118.80*2.50	36.77*110.30
4.6 inch	320*960	IPS	300	SPI+RGB	80/80/80/80	-20~70 °C	41.57*118.80*2.50	36.77*110.30
6.2 inch	360*960	IPS	400	SPI+RGB	89/89/89/89	-20~70 °C	62.29*163.36*4.50	55.30*147.46
6.25 inch	720*1560	IPS	650	MIPI	80/80/80/80	-20~70 °C	68.70*150.10*2.18	66.10*143.68
6.5 inch	1024*400	IPS	500	RGB	85/85/85/85	-20~70 °C	165*72.86*3.50	154.21*57.28
6.75 inch	480*1280	IPS	600	MIPI	85/85/85/85	-20~70°C	66.02*171.69*5.27	60.19*160.51
6.85 inch	280*1424	IPS	300	MIPI	80/80/80/80	-20~70 °C	38.20*181.70*3.50	33.60*170.88
6.86 inch	480*1280	IPS	600	MIPI	85/85/85/85	-20~70 °C	66.10*180.60*4.13	60.19*160.51
6.86 inch	480*1280	IPS	650	MIPI	85/85/85/85	-20~70 °C	66.10*180.60*4.40	60.19*160.51
6.9 inch	280*1424	IPS	550	SPI+RGB	85/85/85/85	-20~70 °C	38.20*181.47*3.40	33.60*170.88
6.9 inch	280*1424	IPS	350	RGB/MIPI	80/80/80/80	-20~70 °C	38.20*181.47*3.50	33.60*154.21
6.95 inch	280*1424	IPS	400	MIPI	85/85/85/85	-20~70 °C	38.20*181.70*3.45	33.60*170.88
7.88 inch	400*1280	IPS	370	MIPI	80/80/80/80	-20~70 °C	67.80*206.18*4.65	59.40*190.08
8.8 inch	480*1920	IPS	350	MIPI	85/85/85/85	-20~70 °C	64.30*231.30*4.80	54.72*218.88
8.8 inch	1280*320	IPS	320	LVDS	80/80/80/80	-20~70 °C	229.66*67.50*5.65	216.95*54.24
8.9 inch	1024*420	IPS	500	MIPI	80/80/80/80	-20~70 °C	206.10*90.40*3.20	196.61*80.45
10.25 inch	1280*480	IPS	600	LVDS	85/85/85/85	-20~70 °C	265.20*110*7	243.84*91.44
10.30 inch	720*1920	IPS	500	MIPI	85/85/85/85	-20~70 °C	115.30*251*4.50	106.92*237.60
10.36 inch	720*1600	IPS	700	MIPI	80/80/80/80	-20~70 °C	115.30*251*4.60	108*240
10.36 inch	720*1920	IPS	500	MIPI	85/85/85/85	-20~70 °C	115.30*251*4.50	106.92*237.50
12.3 inch	720*1920	IPS	600	MIPI	85/85/85/85	-20~70 °C	128*310*6.25	109.51*292.03
12.95 inch	1200*1920	IPS	600	MIPI	85/85/85/85	-20~70 °C	190.40*291.30*5.10	174.31*278.90
16.3 inch	1920*285	IPS	800	LVDS	89/89/89/89	-20~70 °C	432*85.10*14.80	408.96*60.71
21.0 inch	1920*1080	IPS	400	LVDS	89/89/89/89	0~50°C	547*58.90*12	527.04*36.40
21.2 inch	1920*360	IPS	600	LVDS	89/89/89/89	-20~70 °C	543.50*118.50*7.50	529.42*99.27
28.6 inch	1920*540	IPS	500	RGB	89/89/89/89	0~50°C	720*226.30*22.70	698.40*196.40



Round & Square TFT LCD Display

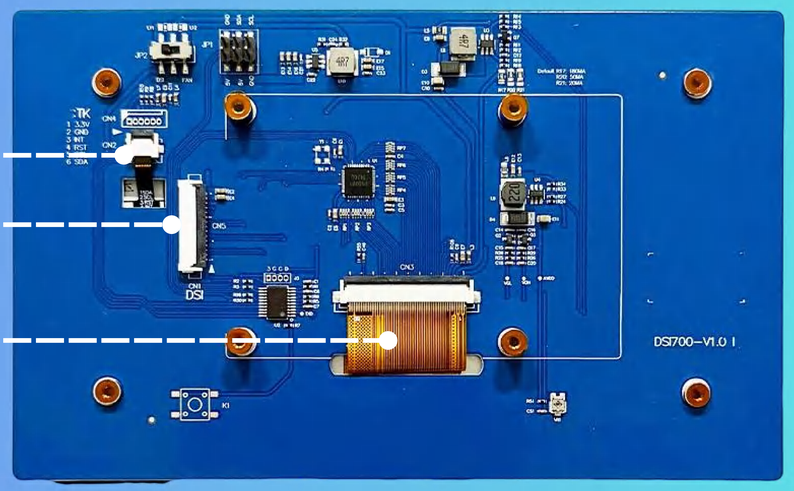


Size	Resolution	LCD Type	Brightness (nits)	Interface	Viewing Angle (T/B/L/R)	Operation Temp. (°C)	Outline Dimension (mm)	Active Area (mm)
1.28 inch	240*240	IPS	350	SPI	85/85/85/85	-20~70 °C	35.6*37.74*1.55	32.40*32.40
1.28 inch	240*240	IPS	350	SPI	85/85/85/85	-20~70 °C	35.6*37.74*1.55	32.40*32.40
1.3 inch	240*240	IPS	1000	SPI	80/80/80/80	-20~70 °C	26.16*29.13*2.30	23.40*23.40
1.5 inch	128*128	IPS	90	SPI	80/80/80/80	-30~70 °C	33.80*34*1.60	26.86*26.86
1.54 inch	320*320	IPS	588	SPI+RGB	80/80/80/80	-20~70 °C	31.52*33.95*1.75	27.74*27.74
1.6 inch	400*400	IPS	350	QSPI	85/85/85/85	-20~70 °C	45.87*42.94*2.11	39.84*39.84
1.6 inch	400*400	IPS	200	SPI	80/80/80/80	-20~70 °C	42.94*45.89*2.00	29.84*39.84
2.1 inch	480*480	IPS	300	MIPI	80/80/80/80	-20~70 °C	56.18*59.71*2.30	53.28*53.28
2.1 inch	480*480	IPS	300	SPI+RGB	85/85/85/85	-20~70 °C	56.18*59.71*2.30	53.28*53.28
2.1 inch	480*480	IPS	1000	SPI+RGB	85/85/85/85	-20~70 °C	56.18*59.71*2.30	53.28*53.28
2.8 inch	480*480	IPS	350	SPI+RGB	85/85/85/85	-20~70 °C	73.03*76.48*2.30	70.13*70.13
2.8 inch	480*480	IPS	350	MIPI	85/85/85/85	-20~70 °C	73.03*76.48*2.30	70.13*70.13
3.4 inch	480*480	IPS	550	MIPI	80/80/80/80	-20~70 °C	65.72*69.48*2.45	60.48*60.48
3.4 inch	800*800	IPS	350	MIPI	85/85/85/85	-20~70 °C	94.90*96.95*2.50	87.60*87.60
3.4 inch	800*800	IPS	1000	MIPI	85/85/85/85	-20~70 °C	96.60*99.79*3.80	87.60*87.60
3.4 inch	800*800	IPS	1000	MIPI	85/85/85/85	-20~70 °C	96.60*99.05*2.71	87.60*87.60
4.0 inch	720*720	IPS	350	MIPI	80/80/80/80	-20~70 °C	84*84*3.46	71.93*71.93
4.0 inch	720*720	IPS	320	MIPI	85/85/85/85	-20~70 °C	105.60*109.87*2.21	101.52*101.52
4.0 inch	720*720	IPS	1000	MIPI	85/85/85/85	-20~70 °C	107.60*111.87*3.80	101.52*101.52
5.0 inch	1080*1080	IPS	350	MIPI	80/80/80/80	-20~70 °C	132.21*136.53*1.98	127.01*127.01
7.6 inch	800*800	IPS	1000	MIPI	85/85/85/85	-20~70 °C	142.56*148.24*5.10	135.36*135.36



7 inch DSI Display Module
for Digital Mixer





4.3"、 5"、 7"、 10.1"

DSI Display Module

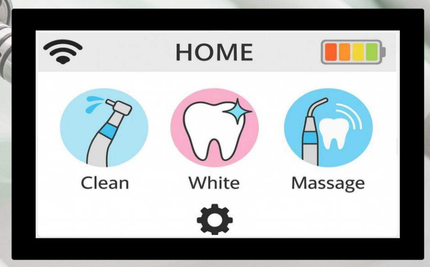
MAXEN
Custom LCD Display

www.maxen-lcddisplay.com

MAXEN
Custom LCD Display

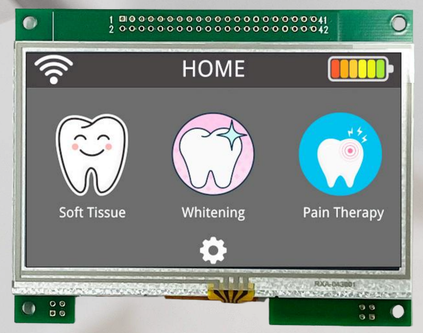
TFT LCD Module with Custom PCB

Flexible interface customization available





TFT and CTP integrated on PCB





TFT and RTP integrated on PCB

Custom 7" HDMI Touchscreen for Outdoor EV Charging



7" TFT Display
1000 nits

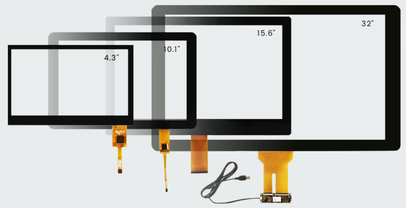
Ceramic painting

AG, AR,
AF optional

MAXEN
Custom LCD Display

www.maxen-lcddisplay.com

Custom
Touch Screen



Projected Capacitive Touch Screen (PCAP)

Size
Up to 32" optional

Interface
I2C, USB, RS232... etc

Multi-touch
1-10 points capabilities

Touch Controller
EETI/ILITEK/GOODiX/
Sitronix/HYCON... etc

Thickness
Cover glass thickness
up to 10 mm

Customized
Color/Logo/pattern/
graphic printing



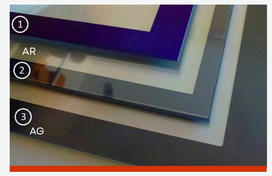
Long-term touch controller IC partners

GOODiX
ILITEK
FocalTech
fitipower
EETI
HYCON
Atmel
Himax

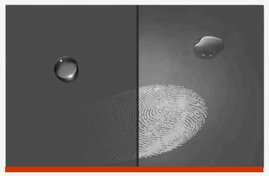
Main Performance

01 Surface Treatment

- **AR (Anti-Reflective)**
- **AG (Anti-Glare)**
- **AF (Anti-Fingerprint)**



The appearance difference between **AR** and **AG** cover glass


With AF technology VS **without** AF technology

02 Irregular Cutting

Irregular-cut glass covers can be manufactured in various shapes, such as circular, oval, arced, folded, or others and can be customized to create specific holes or cutouts to accommodate important components such as cameras, sensors, and buttons.


Irregular shape cutting
& multi-color printing

03 Glass Tempering

- **Chemical Tempering**

Often used for indoor applications, such as white goods, security, industrial automation, automotive, mobilephone, computer, otpical instruments, which does not exposed to strong sunlight and waters directly.

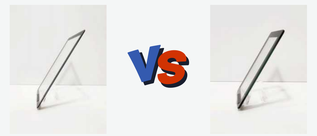
- **Physical Tempering**

Often used for outdoor ceramic ink treatments, allowing cover glass to withstand exposure to strong sunlight without fading easily.


Applying **anti-UV ceramic coating** on outdoor charging stations.

04 Thin But Strong

A diverse ranges of glass cover thickness available to choose for compact or rugged designs.



2mm Gorilla Glass
4mm normal glass

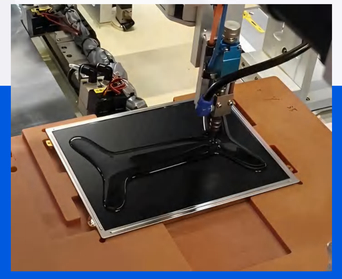
Optical Bonding



Without Optical Bonding

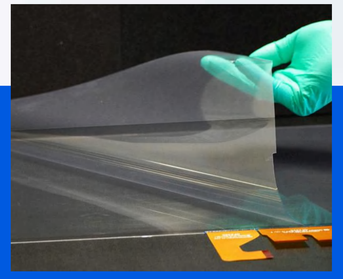
With Optical Bonding

TWO Types of Optical Bonding



Liquid Bonding: LOCA/OCR bonding

- Uses liquid resin (OCR)
- UV or heat curing
- Fits curved & free-form designs
- Excellent gap-filling & clarity
- Recommend for outdoor application



Dry Bonding: OCA bonding

- Uses adhesive film (OCA)
- No curing needed
- Suitable for flat designs
- High consistency & efficiency
- Recommend for indoor application

6 IDEAL Applications for Optical Bonding



Outdoor High-brightness



Industrial Control



Medical



Agriculture



Biometrics & Security



Marine & Offshore

In-house Optical Bonding

