



XOT Shenzhen Xianyang Optoelectronic Technology Co.,Ltd
深圳显昶光电科技有限公司

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**Focusing On Professional Application Market
Becoming Leader In Display And Total Display Solutions**

**行业应用市场显示屏
显示整体解决方案领导者**



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ABOUT XOT

关于我们



Xianyang Optoelectronic Technology (XOT) is professional display supplier who integrates R&D, manufacturing and sales of 0.2 inch to 55 inch LCD display, founded by a engineer team with more than 20 years of R&D and operation experience in shenzhen. We have first-class innovation ability and operational integration capabilities. Owning a professional purification manufacturing plant in Shenzhen. We are committed to becoming the leader in LCD/OLED new display, smart display and IOT solutions, near-eye display. Having distributors in more than 10 countries, our displays are widely used in the market like Smart Home, lot, Industrial Control, Medical, Military and so on.

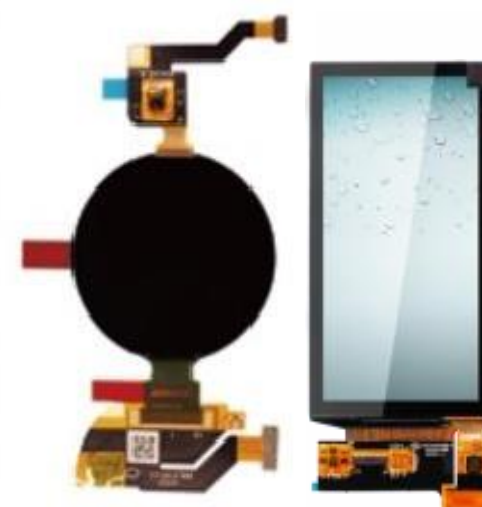
深圳显阳光电科技有限公司 (XOT) 是一家集研发、制造、销售0.2英寸至55英寸液晶显示器的专业显示器供应商，由一支拥有20多年显示器研发以及运营经验的工程师团队在深圳创立。我们拥有一流的创新能力和运营整合能力，在深圳拥有专业的净化制造工厂。我们致力于成为LCD/OLED新型显示、智能显示、物联网解决方案与近眼显示的领导者。我们的产品在全球10多个国家拥有分销商，广泛应用于智能家居、物联网、工业控制、医疗、军事等领域。

PRODUCT OVERVIEW

产品系列



TFT LCD MODULE
显示模组



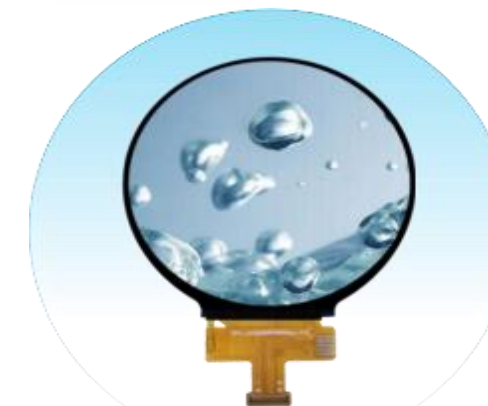
AMOLED
显示模组

PRODUCT INTRODUCTION

产品介绍-TFT



- Size: 2.1寸/IPS
- Resolution: 480*480
- Port: 3SPI+18RGB
- Brightness: 300 CD/M2
- Long*Wide*Thick:
56.18*59.71*2.3MM
- AA Size: 53.28*53.28MM
- Actuate: ST7701S



- Size: 2.76寸/IPS
- Resolution: 480*480
- Port: 3SPI+18RGB
- Brightness: 500 CD/M2
- Long*Wide*Thick:
73.03*76.48*2.34MM
- AA Size: 70.13*70.13MM
- Actuate: ST7701S



- Size: 3.4寸/IPS
- Resolution: 800*800
- Port: RGB 18BITS
- Brightness: 500 CD/M2
- Long*Wide*Thick:
94.9*96.95*2.3MM
- AA Size: 87.6*87.6MM
- Actuate: NV3052CGRB



- Size: 4.0寸/IPS
- Resolution: 720*720
- Port: MIPI
- Brightness: 1000 CD/M2
- Long*Wide*Thick:
105.3*109.61*2.3MM
- AA Size: 101.52*101.52MM
- Actuate: ICN9707

PRODUCT INTRODUCTION
产品介绍-TFT



- Size: 3.4寸/IPS
- Resolution: 480*480
- Port: RBG/MIPI
- Brightness: 300 CD/MI2
- Long*Wide*Thick: 70.45*70.32*1.89MM
- AA Size: 60.48*60.48MM
- Actuate: S77701S



- Size: 4.0寸/IPS
- Resolution: 720 "720
- Port: SPI/RGB/MIPI
- Brightness: 300 CD/M2
- Long*Wide*Thick: 74.83*78.98*1.46MM
- AA Size: 71.93*71.93MM
- Actuate: ST7703/NV3052



- Size: 4.0寸/IPS
- Resolution: 480*480
- Port: SPI/RGB/MIPI
- Brightness: 300 CD/M2
- Long*Wide*Thick: 74.83*78.98*1.46MM
- AA Size: 71.93*71.93MM
- Actuate: ST7701S

Shape	Landscape,Portrait,Bar Type,Square,Circular
Size	0.95 inch to 55 inch
Touch	CTP and RTP optiona
Bonding	Optical bonding /Air bonding
Viewing	TN/IPS
Interface	MCU/SPI/RGB/MIPI/LVDS
Customizable	Interface &FPC,Cover Glass,Touch Sensor,Backlight,Covert Board
Others	High Brightness,Sunlight Readable,AG,AF,support gloves...

PRODUCT INTRODUCTION
产品介绍-TFT



- Size: 4.3寸/IPS
- Resolution: 480X272
- Port: RGB
- Brightness: 1000 CD/M2
- Long*Wide*Thick: 105.5*67.2*3.0MM
- AA Size: 95.04*53.86MM
- Actuate: SC7283



- Size: 5.0寸/IPS
- Resolution: 800*480
- Port: RGB
- Brightness: 1000 CD/M2
- Long*Wide*Thick: 120.7*75.8*2.9MM
- AA Size: 108*64.8MM
- Actuate: ST7262A



- Size: 7.0寸/IPS
- Resolution: 1024*600
- Port: LVDS
- Brightness: 1000 CD/M2
- Long*Wide*Thick: 164.9*100*3.5MM
- AA Size: 154.21*85.92MM
- Actuate: HX8282A+HX8696A



- Size: 10.1寸/IPS
- Resolution: 1280*800
- Port: LVDS
- Brightness: 1000 CD/M2
- Long*Wide*Thick: 229.46*149.1*2.5MM
- AA Size: 216.96*135.6MM
- Actuate: EK79202

PRODUCT INTRODUCTION

产品介绍-TFT



- Size: 3.99寸/IPS
- Resolution: 400*960
- Port: 3SPI+18RGB
- Brightness: 500 CD/M2
- Long*Wide*Thick: 43.10*103.83*2.09MM
- AA Size: 39.18*94.03MM
- Actuate: ST7701S



- Size: 6.86寸/IPS
- Resolution: 480*1280
- Port: LVDS
- Brightness: 500 CD/M2
- Long*Wide*Thick: 181*66.6*4.5MM
- AA Size: 160.59*60.22MM
- Actuate: NV3051F



- Size: 4.58寸/IPS
- Resolution: 320*960
- Port: 3SPI+18RGB
- Brightness: 500 CD/M2
- Long*Wide*Thick: 41.57*118.8*2.54MM
- AA Size: 36.77*110.3MM
- Actuate: ST7701S



- Size: 7.0寸/IPS
- Resolution: 280*1424
- Port: MIPI
- Brightness: 500 CD/M2
- Long*Wide*Thick: 38.2*181.47*3.54MM
- AA Size: 33.6*170.88MM
- Actuate: OTA7290B

PRODUCT INTRODUCTION

产品介绍-AMOLED



- Size:1.19"
- Resolution:390*390
- Interface: MIPI/SPI
- Touch: On-cell
- Brightness: 350nits



- Size:1.39"
- Resolution:454*454
- Interface: MIPI/SPI
- Touch: On-cell
- Brightness: 400nits



- Size:1.78"
- Resolution:368*448
- Interface: MIPI/SPI
- Touch: On-cell
- Brightness: 400nits



- Size:2.69"
- Resolution:800*600
- Interface: MIPI
- Touch: On-cell
- Brightness: 420nits



- Size:5.44"
- Resolution:1080*1920
- Interface: MIPI
- Touch: On-cell
- Brightness: 350nits



- Size:15.6"
- Resolution:3840*2160
- Interface: eDP 1.4b
- Touch:Without
- Brightness: 400nits

AMOLED: has the advantages of high resolution, wide operation temperature (-40 degrees), which mainly used in Medical, VR, wearable products, industry, military and other fields.

AMOLED: 具有高分辨率, 彩色显示, 低温 -40度工作等优势, 主要应用于医疗, VR, 穿戴, 工业, 军工等领域。



LCD Module List

液晶显示模块列表

Shape 类别	Size 尺寸	vivw 视角	Resolution 分辨率	Outline(mm) 外形尺寸(mm)	A.A Size(mm) 显示区域(mm)	Brightness 亮度(nits)	Interface 接口	Remark 备注
Circular 圆形	1.45 "	IPS	412RGB*412	39.36*41.53*1.66	Φ =36.96	300	MIPI/SPI/QSPI	
	1.6 "	IPS	400RGB*400	42.94*45.87*1.55	Φ=39.84	300	MIPI/QSPI	CTP
	1.8 "	IPS	360RGB*360	48.08*49.95*1.96	Φ =45.86	300/500	QSPI/RGB/SPI	
	2.1 "	IPS	480RGB*480	56.18*59.71*2.30	Φ =53.28	300/600	SPI+RGB/MIPI	CTP
	2.76 "	IPS	480RGB*480	73.03*76.48*2.34	Φ =70.13	300/600	SPI+RGB/MIPI	CTP
	3.4 "	IPS	800RGB*800	94.9*96.95*2.3	Φ =87.6	300/800	MIPI	CTP
	3.6 "	IPS	544RGB*506	95.46*91.81*2.3	89.76*83.49	600	RGB/LVDS	
	3.6 "	IPS	544RGB*506	98.88*94.12*7.79	89.76*83.49	1100	RGB/LVDS	
	4"	IPS	720RGB*720	109.60*105.30*2.30	Φ =101.52	400/800/ 1000	SPI+RGB/MIPI/RGB	CTP
	5"	IPS	1080*1080	132.21*136.53*2.13	Φ =127.01	350	MIPI	
Semicircle 半圆形	3.54"	IPS	800(RGB)*640	97.6*83.79*4.12	90.00*72.00	1500	LVDS/SPI+RGB	
Square 正方形	2.51"	TN	240RGB*240	50.58*56.18*2.4	45.87*45.87	300	SPI	
	2.73"	IPS	320(RGB)*320	53.54*58.74*2.05	48.95*48.96	600	SPI+RGB	
	3.4 "	IPS	480RGB*480	70.45*70.32*1.89	60.48*60.48	300	MIPI	CTP
	4.0 "	IPS	480RGB*480	84.00*84.00*3.05	71.86*70.18	400	RGB/MIPI	CTP
		IPS	720RGB*720	84.00*84.00*2.56	71.93*71.93	300	RGB/MIPI	CTP
Bar Type 长条形	1.9 "	IPS	170RGB*320	25.80*49.72*1.43	22.70*42.72	350/800	SPI,MCU	
	2.4 "	IPS	222RGBx480	30.30*63.11*2.15	25.51*55.15	300	SPI+RGB	
	3.16 "	IPS	320RGB*820	31.20*76.60*2.40	26.40*67.65	300	SPI+RGB/MIPI	CTP
	3.51 "	IPS	340RGB*800	36.67*88.45*1.65	33.97*81	350	SPI+RGB/MIPI	
	3.71 "	IPS	240RGB*960	25.3*98.89*2.09	22.86*91.44	300	SPI+RGB/MIPI	
	3.9 "	IPS	480RGB*128	105.5*37*3.05	95.04*25.34	600	RGB	
	3.99 "	IPS	400RGB*960	42.5*102.08*2.16	39.18*94.03	400	SPI+RGB/MIPI	CTP
	4.58 "	IPS	320(RGB)*960	41.57*118.80*2.54	36.77*110.30	350	SPI+RGB/MIPI	
	6.75 "	IPS	480RGB*1280	66.60*181.00*4.60	60.22*160.59	500	LVDS/MIPI	CTP
	6.9"	IPS	280RGB*1424	38.20*181.45*3.45	33.60*170.88	450	MIPI/RGB/SPI+RGB	CTP
	7.84"	IPS	400RGB*1280	67.80*206.18*4.60	59.40*190.08	500	MIPI/LVDS	CTP
	8.88"	IPS	480RGB*1920	64.50*231.10*4.75	54.72*218.88	600	MIPI	CTP



LCD Module List

液晶显示模块列表

Shape 类别	Size 尺寸	vivw 视角	Resolution 分辨率	Outline(mm) 外形尺寸(mm)	A.A Size(mm) 显示区域(mm)	Brightness 亮度(nits)	Interface 接口	Remark 备注
Normal Portrait 竖屏	2.0"	IPS	240RGB*320	37.68*51.32*2.20	30.60*40.80	250	SPI/MCU	
	2.4 "	TN/ IPS	240RGB*320	42.72*60.26*2.44	36.72*48.96	300	MCU,SPI,SPI+RGB	RTP/CTP
	2.8 "	TN/ IPS	240RGB*320	50.00*69.20*2.36	43.20*57.60	300	MCU,SPI,SPI+RGB	RTP/CTP
	3.0"	IPS	360RGB*640	42.64*74.51*2.48	36.72*65.28	300	SPI+RGB	CTP
	3.5 "	TN/ IPS	320RGB*480	55.26*84.69*2.24	48.96*73.44	300	SPI+RGB /MCU	RTP/CTP
	3.97 "	TN/ IPS	480RGB*800	57.14*95.70*2.00	51.84*86.40	300	SPI+RGB	RTP/CTP
	4.02 "	IPS	640RGB*1136	53.8*96.4*2.1	49.92*88.61	280	MIPI	
	4.3 "	IPS	480RGB*800	61.56*104.65*2.1	56.16*93.6	300	MIPI	
	5.0 "	TN/ IPS	480RGB*854	66.40*120.05*2.22	62.06*110.42	300	SPI+RGB/MIPI	CTP
		IPS	720RGB*1280	64.60*118.80*1.69	62.10*110.40	350	SPI+RGB/MIPI	CTP
	5.5 "	IPS	720RGB*1280	79.64*129.21*1.62	68.04*120.96	300	MIPI	CTP
Normal Landscape 横屏	2.3 "	TN	320(RGB)*240	50.90*45.8*2.25	46.75*35.06	250	SPI	
	3.5 "	IPS	320RGB*240	76.90*63.90*2.85	70.08*52.56	350	RGB	RTP/CTP
		IPS	640RGB*480	76.90*63.90*2.85	70.08*52.56	350	RGB	RTP/CTP
	4.3 "	IPS	480RGB*272	105.40*67.10*2.95	95.04*53.86	500	RGB	RTP/CTP
		IPS	800RGB*480	105.50*67.20*2.50	95.04*53.86	400	RGB	RTP/CTP
	5.0 "	IPS	800RGB*480	120.70*76.30*3.10	108.00*64.80	300	RGB	RTP/CTP
	7.0 "	IPS	1024RGB*600	164.90*100.00*3.45	154.21*85.92	500	RGB/MIPI/LVDS	RTP/CTP
		IPS	1024RGB*600	164.90*100.00*5.5	154.21*85.92	1000	RGB/MIPI/LVDS	CTP
	10.1 "	IPS	1024RGB*600	235.00*143.00*2.90	222.72*125.28	250	RGB/MIPI/LVDS/	CTP
	10.1 "	IPS	1280RGB*800	229.46149.1*2.5	216.96*135.6	350	LVDS	CTP
	10.4	IPS	1024LVDS*768	236.00*174.30*7.40	211.2*158.4	600	LVDS	
	12.1 "	IPS	1024LVDS*768	260.5*204*8.6	245.76*184.32	600	IPS	
	15"	IPS	1024LVDS*768	326.5*253.5*9.7	304.128*228.096	350	LVDS	

We cab customs for you! 我们可以为您定制!

PRODUCT APPLICATION

产品应用



GLOBAL MARKET

全球市场



Why XOT?

为什么选择XOT?

LCD显示屏定制方案

Custom LCD display solution
Do you have special requirements of the display for specific application?
Such as electrical or optical characteristics, touch function and mechanical dimensions?
We could meet your requirement for a custom display.

对质量和可靠性的承诺

Commitment to quality and reliability
Certified to the quality management system of ISO9001: 2015
RoHS compliant for worldwide markets.
Ensuring quality through process control, multiple tests and aging tests.

显示屏和触摸屏的整体解决方案

An integrated solution of TFT display and touch panel
Are you worried about the bonding process of the touch panel and TFT display?
We can provide optical fitting between capacitive and resistive touch screens and TFT displays.



持续供货的能力

Ability to supply in long-term
Generally the displays we offer are with longevity of above 5 years
In special conditions, we would provide the replacement solution to ensure the supply in long-term.



Wide range of products



Innovative Technology



Excellent Quality



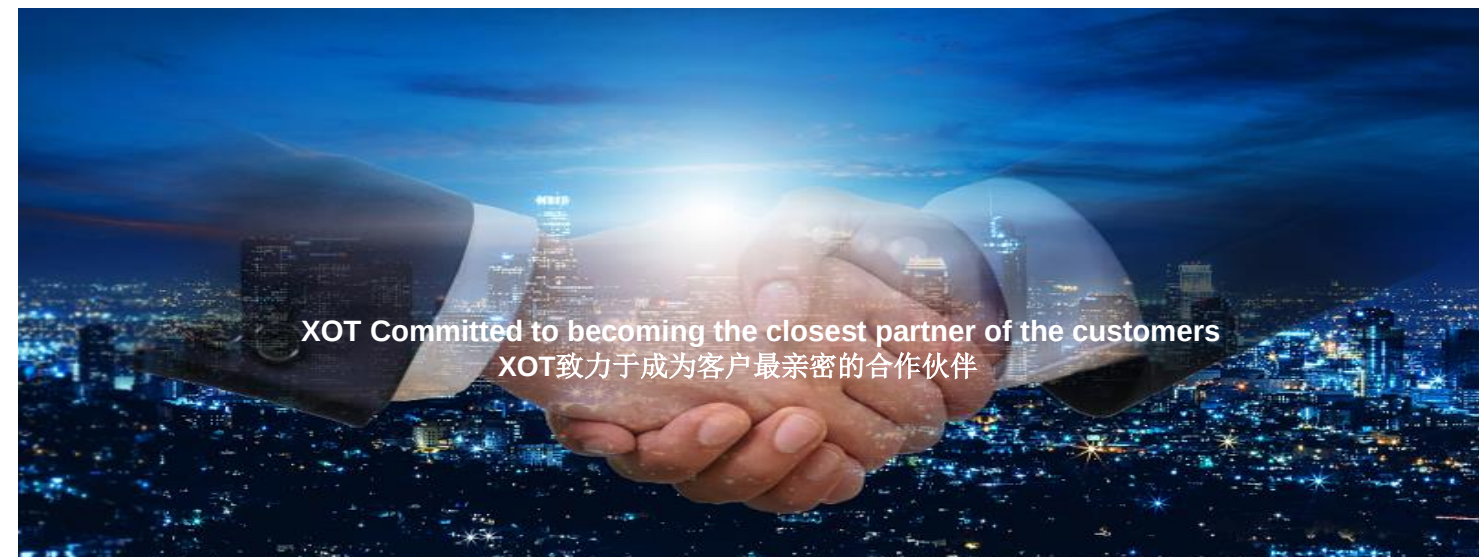
Thoughtful Service



Fast Delivery



Global Support



XOT Committed to becoming the closest partner of the customers
XOT致力于成为客户最亲密的合作伙伴