




SINCE 1987



**JHD,
PROFESSIONAL HMI
DISPLAY SOLUTION
PROVIDER**



Display & Touch

SHENZHEN JINGHUA DISPLAYS CO., LTD.



Since 1987

Application

Industrial: Thermostat, OA system, UPS, Electricity meter, Elevator, Printer, Charge pile, POS, Inverter, Test meter

Automotive: Automotive dashboard, Air conditioner, Car audio, Auto tentertainment system, Stations speaker, Motorcycle

Home appliance: Air Conditioner, Refrigerator, Rice Cooker, Washing Machine, Dish-washer, water heater, coffee machine

Medical: Blood glucose meter, Oxygen machine, Ward monitor, Injection pump, Blood pressure monitor

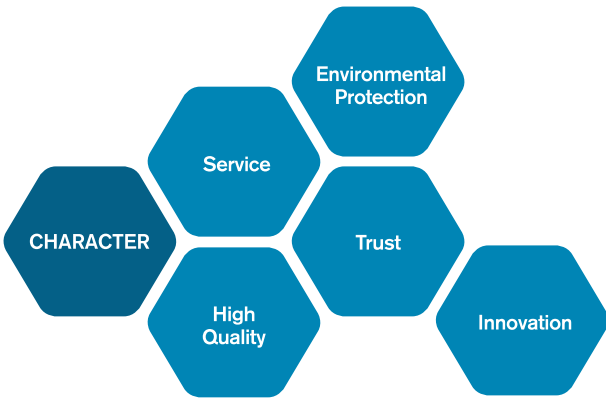
Consumer: Toilet controller, Shower controller, Fitness equipment, Audio system, Recorder, Watch

Communication: Telephone, Wireless communication, Intercom, Satellite communication terminal, Door telephone, Relay station

FAMOUS CUSTOMER





ABOUT JHD

Shenzhen Jinghua Displays Co., Ltd was established in 1987 as a professional LCD, LCM, Touch Panel, TFT and Cover Lens manufacturer. We specialize in customizing products with low PPM and stable quality. We can realize your project from product concept to mass production and delivery.

Our factory with automation equipment in clean room is under APQP, DFMEA, PFMEA, Test Plan, Validation Test Specification and quality control system.

ADVANTAGE



- > One-stop service for display, touch panel and cover lens
- > Stable quality
- > Long-term supply



- > With integrated system
- > High quality
- > High reliability



JHD has 30 years' experience to support global well-known customers.



PRODUCT EXPERIENCE

Industrial/ Automotive/ Home appliance/ Medical and healthcare/ OA system



TFT SOLUTION

- > **Industrial:** UPS, Electricity meter, Elevator, Charge pile, Inverter...
- > **Home appliance:** Air Conditioner, Refrigerator, Rice Cooker, Washing Machine, Dish-washer, water heater...
- > **Automotive:** Dashboard, CID, Car audio, Entertainment system...
- > **OA system:** Printer, Scanner...
- > **Medical equipment:** Blood glucose meter, Ward monitor...
- > **Consumer:** Toilet controller, Audio system, POS, Watch...



Customized TFT

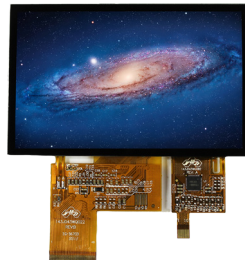
- > Customized TFT cell
- > Customized backlight
- > Customized touch panel
- > Customized cover lens
- > Customized interface
- > Meet customer's special needed

Semi-customized TFT

- > Standard TFT cell
- > Customized backlight
- > Customized touch panel
- > Customized cover lens
- > Customized interface

Standard TFT

- > Standard TFT + TP module
- > Size: 1.5" to 12.1"
- > Capacitive or resistive touch panel
- > Full, wide and normal viewing angle
- > High reliability solution
- > Optical bonding, sunlight readable



JHD P.N	Size (inch)	Resolution (dots)	Brightness (cd/m ²)	Interface	Outline Dimensions (mm)	Active Area (mm)	Viewing Angle (U/D/L/R)	Operating Temperature	Min. LED Lifetime(hrs)
J015Q1NN0301	1.5	128 x 128	250	MCU	31.00 x 34.00 x 2.40	25.50 x 26.5	60/50/65/65	-20 to 70 °C	30k
J018Q2NN0301	1.8	128 x 160	400	MCU	34.7 x 46.7 x 2.70	28.032 x 35.04	60/50/65/65	-10 to 60 °C	30k
J024VQNN0402	2.4	240 x 320	300	MCU	42.72 x 60.26 x 2.55	36.72 x 48.96	60/50/65/65	-20 to 70 °C	30k
J028VQNN0105	2.8	240 x 320	250	MCU	50.00 x 69.20 x 3.00	43.2 x 57.6	60/50/65/65	-20 to 70 °C	30k
J035QVNN0102	3.5	320 x 240	250	TTL	76.90 x 63.90 x 3.25	70.08 x 52.56	50/60/65/65	-20 to 70 °C	30k
J035QVNN0104	3.5	320 x 240	600	TTL	76.90 x 63.90 x 3.25	70.08 x 52.56	50/60/65/65	-20 to 70 °C	30k
J035QVNN0301	3.5	320 x 240	250	MCU/RGB	76.90 x 63.90 x 3.25	70.08 x 52.56	50/55/60/60	-20 to 70 °C	30k
J035HVNN0101	3.5	320 x 480	350	MCU/RGB	54.86 x 84.29 x 2.42	48.96 x 73.44	70/60/70/70	-20 to 70 °C	30k
J043WVNN0101	4.3 IPS	480 x 800	500	TTL	64.56 x 108.80 x 3.40	95.04 x 53.856	89/89/89/89	-20 to 70 °C	30k
J043WQNN0403	4.3	480 x 272	>900	TTL	105.50 x 67.20 x 3.80	95.04 x 53.856	50/60/65/65	-20 to 70 °C	30k
J043WQNN0406	4.3	480 x 272	>900	TTL	105.50 x 67.20 x 3.80	95.04 x 53.856	50/60/65/65	-20 to 70 °C	50k
J043WQNN0402	4.3	480 x 272	300	TTL	105.50 x 67.20 x 3.80	95.04 x 53.856	50/60/65/65	-20 to 70 °C	50k
J043WQNN1201	4.3	480 x 272	250	RGB	105.50 x 67.20 x 2.95	95.04 x 53.856	70/70/70/70	-30 to 85 °C	30k

MONOCHROME LCD & LCM

High reliability

85°C, 85%RH, 1000H
60°C, 90%RH, 3000H

Low Power consumption

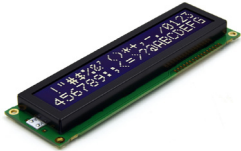
EPD
Bi-stable LCD

Free shape

Drill, free shape LCD

Super wide temperature

-40°C, fast response
Lowest operation temperature
reach -65°C



Multi-color

LCD + colorful printing
Negative eight colors
segment LCD
LCD + color film

High contrast

Contrast: 700:1

Super white

Super white background
High contrast

Full viewing angle

Up, down, left and right viewing
angles can reach 85 degrees



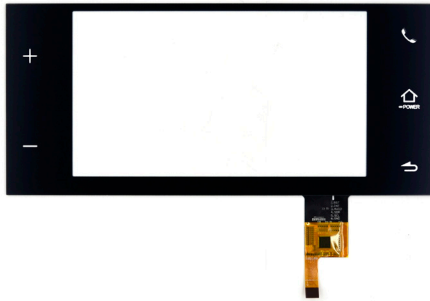
JHD P.N	Size (inch)	Resolution (dots)	Brightness (cd/m2)	Interface	Outline Dimensions (mm)	Active Area (mm)	Viewing Angle (U/D/L/R)	Operating Temperature	Min. LED Lifetime(hrs)
J043WQNN0413	4.3	480 x 272	800	TTL	105.50 x 67.20 x 3.80	95.04 x 53.856	80/80/80/80	-20 to 70 °C	30k
J043WQNN0501	4.3	480 x 272	220	TTL	105.50 x 67.20 x 2.95	95.04 x 53.856	50/60/65/65	-20 to 70 °C	30k
J043WQNN0503	4.3	480 x 272	250	TTL	105.50 x 67.20 x 2.95	95.04 x 53.856	50/60/65/65	-20 to 70 °C	30k
J050WVNN0203	5.0	800 x 480	400	TTL	120.70 x 75.80 x 2.90	108.0 x 64.80	55/70/70/70	-20 to 70 °C	30k
J070WVNN1301	7.0	800 x 480	>800	RGB	167.30 x 109.20 x 6.68	152.40 x 91.44	80/80/80/80	-30 to 85 °C	50k
J070WVNN0502	7.0	800 x 480	1000	TTL	166.60 x 106.40 x 6.60	154.08 x 85.92	70/70/50/70	-20 to 70 °C	50K
J070WSNN0401	7.0 IPS	1024 x 600	800	TTL	164.00 x 103.00 x 3.50	152.4 x 91.44	85/85/85/85	-20 to 70 °C	30k
J070WVNN1001	7.0	800 x 480	400	TTL	163.20 x 105.14 x 3.39	152.4 x 91.44	60/60/70/70	-20 to 70 °C	30k
J070WSNN0302	7.0	1024 x 600	300	LVDS	154.90 x 100.00 x 3.50	154.21 x 85.92	60/70/80/80	-20 to 70 °C	30k
J080WVNN0102	8.0	800 x 480	450	TTL	192.80 x 116.70 x 6.40	176.64 x 99.36	50/70/70/70	-30 to 85 °C	30k
J101WXNN0201	10.1 IPS	1280 x 800	500	LVDS	229.46 x 149.1 x 2.5	222.72 x 125.28	85/85/85/85	-20 to 70 °C	30k
J104XGNN0101	10.4 IPS	1024 x 768	500	LVDS	225.50 x 176.30 x 8.70	210.4 x 157.8	89/89/89/89	-30 to 70 °C	50k
J121XGNN0101	12.1	1024 x 768	350	LVDS	279.00 x 209.00 x 9.00	245.76 x 184.32	80/80/80/80	-20 to 70 °C	50k



Touch Panel Solution

Automotive touch panel

- > Before market certificated
- > High reliability
- > Operation temp.: -35°C TO 85°C
- > Storage temp.: -40°C TO 90°C
- > AR, AG, AF film options
- > Silkscreen options
- > G+G, GGG structure options



Normal touch panel

- > Customized CTP
- > Key-touch, multi-touch
- > In-cell, on-cell, G+G, G+F, GGG
- > industry and automotive CTP solution (Cypress, Atmel, FocalTech, Sitronix, Solomon)
- > OCA, OCR optical bonding
- > Customized RTP
- > High temperature and humidity, anti static.
- > Transmittance >78%
- > Anti dust, water proof
- > 4 line and 5 line RTP

Part No.	Size	Structure	Outline (mm)	A.A (mm)	Driving IC	Interface	Operating Temp.	Storage Temp.
8940012012	3.5"	G+G	78.7*78.7*4.4	71.08*61.35	FT5206	IIC	-10°C~60°C	-20°C~70°C
8940008012	4.3"	G(DITO)	106.57*67.2*0.7	95.04*53.86	NT11002	IIC	-10°C~60°C	-20°C~70°C
8947D19012	5.0"	G+G	123.3*77.7*1.5	109*65.8	FT5306	IIC	-20°C~70°C	-30°C~80°C
8946M07012	5.7"	G+G	127*99.63*1.5	115.2*86.4	FT5306	IIC	-20°C~70°C	-30°C~80°C
8940003012	7"	G+G	191.8*115.8*1.575	153.64*87.14	FT5406	IIC	-20°C~80°C	-40°C~90°C
8940019042	7"	G+G	508.0*133.35*3.85	150.4*86.1	FT5406	IIC	-20°C~70°C	-30°C~80°C
8940006012	8"	G+G	215.1*120.1*1.65	177.2*100.0	FT5406	IIC	-20°C~70°C	-30°C~80°C
8940029012	8"	G+G	192.8*116.9*1.6	177.64*100.36	FT5406	IIC	-20°C~70°C	-30°C~80°C
894B001022	8"	G+G	215.8*159.8*2.4	163.0*122.5	FT5406	IIC	-20°C~70°C	-30°C~80°C
8940004012	10.1"	G+G	150.46*232.2*1.45	132.6*220.75	SSD2533QT6	IIC	-20°C~80°C	-40°C~90°C
8940004022	10.1"	G+G	150.46*232.2*1.45	132.6*220.75	SSD2533QT6	IIC	-20°C~80°C	-40°C~90°C
8947X10012	10.4	G+G	243.0*184.0*1.8	213.2*160.4	SSD2533QT6	IIC	-20°C~70°C	-30°C~80°C

4in1

TFT+ TP+ Cover lens+ Optical bonding →



Cover lens



Color
Customized color
silk-screen



Irregular shape
Customized shape, 2.5D,
support hole adding



Thickness
Plenty of choices, including
0.55mm, 0.7mm, 1.1mm, 1.8mm,
2.0mm, or more



Strengthen Glass
AGC, Dragontrail
Corning gorilla



PMMA, Acrylic



Anti glare



Anti reflective



Anti finger

Advantage of optical bonding

- > Improved sunlight readable ability
- > More stable sensor performance
- > Improved vibration-resistance
- > Improved AR ability
- > Increased lifetime at high humidity and temperature



Bonding

No bonding



- > Healthy Financial Situation
- > Quickly Response
- > Flexible Policy
- > Customer-Oriented



Since 1987

SHENZHEN JINGHUA DISPLAYS CO.,LTD

FOR ELECTRONIC PRODUCTS, WE MAKE WHAT YOU NEED

Website: www.china-lcd.com (English) www.china-lcd.cn (Chinese)

Tel: 86-755-82422242

Mail: info@china-lcd.com

Address: 3F, Bd2, Jinghua Displays Park, No.3 Liuhe Road, Henggang Street, Longgang District, Shenzhen, China