



COMPANY PROFILE



At 4D LCD, we transform ideas into tailored display solutions, pushing the boundaries of what's possible. Every project is an opportunity to redefine how technology integrates with human experience, ensuring that every detail serves a purpose. We specialise in custom LCDs that go beyond standard offerings, enabling our clients to stand out in competitive markets.

Our focus is simple yet powerful: delivering precision, reliability, and creativity in every LCD we craft. We take pride in understanding the unique challenges of each industry and tailoring solutions that not only meet but exceed expectations. From concept to delivery, our team works collaboratively, ensuring that every display aligns perfectly with the vision and functionality our clients demand. At 4D LCD, innovation isn't just a goal—it's a standard we uphold in everything we do."

— ***Atilla Aknar***, CEO & Founder



4D LCD DISPLAY SOLUTIONS

TFT-LCD • OLED • HDMI • EPD • *more*



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The History of 4D LCD: A Journey of Clear Vision

Founded in 2018, **4D LCD** emerged as a pioneering force in the display technology industry. With the growing global demand for raw display solutions, Atilla Aknar—an accomplished engineer and founder of 4D Systems—saw an opportunity to carve out a distinct space for 4D LCD. While 4D Systems focuses on intelligent display modules, 4D LCD was created to specialise exclusively in versatile raw LCD solutions. This strategic distinction allowed each company to excel within its niche, serving complementary roles in the broader ecosystem of display technologies.

Aknar's leadership has been instrumental in shaping 4D LCD's identity. With a deep understanding of embedded systems and display technology, he envisioned raw displays as foundational elements across diverse industries. Today, 4D LCD offers cutting-edge products that seamlessly integrate into a wide range of applications, from automotive and healthcare to industrial automation and beyond. This versatility, combined with the company's commitment to providing customisable solutions, has earned 4D LCD a reputation as a trusted partner for businesses worldwide.



CORPORATE STATEMENT



At 4D LCD, we are committed to delivering sustainable, innovative, and versatile display solutions that empower industries to thrive and inspire progress.



FOUR CORE VALUES OF 4D LCD



SUSTAINABILITY

We prioritise eco-friendly practices to create display solutions that minimise environmental impact and promote a greener future.



INNOVATION

Driven by creativity and forward-thinking, we continuously advance our technology to meet evolving industry needs.



INTEGRITY

We uphold honesty, transparency, and accountability in every interaction, building trust with our partners and customers.



ADAPTABILITY

Our solutions are designed to be versatile and flexible, ensuring they meet diverse applications and thrive in a dynamic marketplace.



CORPORATE PURPOSE

*To empower innovation
through versatile and
sustainable display technology.*

At 4D LCD, we recognise that display technology is not just a tool but a transformative force that can drive meaningful change across industries. Our purpose is to provide flexible and forward-thinking display solutions that cater to a multitude of applications, from complex industrial setups to creative retail environments. We believe that by making our technology versatile, we help innovators across various fields realise their vision with seamless, reliable displays.

Sustainability is central to our purpose. We take conscious steps to minimize environmental impact, using 100% recyclable packaging and offering waste-reducing bulk options. As a purpose-driven company, we strive to be more than a technology provider; we aim to be a partner in progress, equipping industries with the tools they need to create a more connected and efficient world.

MISSION & VISION

At 4D LCD, we provide high-quality, customisable display solutions designed for durability, reliability, and performance. We solve industry challenges with adaptable LCD technology, ensuring businesses get displays that meet their exact needs.

We focus on quality and longevity, creating displays that reduce unnecessary replacements and improve efficiency. By offering expert support and tailored solutions, we empower businesses to integrate the best display technology for their applications.

Our mission is to drive innovation in LCD solutions, delivering clarity, precision, and dependability to industries worldwide.

Our vision is to be the trusted leader in versatile LCD solutions, known for quality, innovation, and adaptability. We strive to push the boundaries of display technology, ensuring our products enhance operations across industries.

We see a future where 4D LCD displays power critical applications, helping businesses stay ahead with reliable, high-performance solutions. By fostering continuous improvement and customer-driven design, we aim to set new standards in LCD technology and be the go-to partner for businesses worldwide.

Our Unique Selling Proposition (USP)



Our core strength lies in customisation. We understand that every industry and application has unique requirements, and a one-size-fits-all solution isn't enough. Whether you need specific dimensions, advanced performance features, or specialised display types, our team collaborates with you to design and deliver LCD solutions tailored to your exact needs. From the initial concept to final production, we ensure that our displays integrate seamlessly into your systems, enhancing performance and user experience.

What We Offer

We provide a comprehensive range of display solutions designed to meet the unique demands of your projects and industries. Our offerings focus on delivering quality, adaptability, and precision to ensure your needs are fully met.

- **Raw LCD Modules:** We offer fully customisable raw LCD modules, allowing you to specify the exact dimensions, resolution, interface, and performance features required for your project. Whether you're developing a compact device or a large-scale system, our displays are built to integrate seamlessly, delivering the performance you expect.
- **Industry Versatility:** Our displays are engineered to serve a diverse range of industries and applications, providing reliable and innovative solutions tailored to specific use cases:
 - **Healthcare:** High-precision displays for medical devices, patient monitors, and diagnostic equipment where clarity, accuracy, and reliability are critical.
 - **Automotive:** Custom dashboard displays and infotainment systems that offer durability, visibility, and seamless integration with vehicle interfaces.
 - **Retail:** Point-of-sale (POS) systems and digital signage displays designed to enhance customer interaction, improve efficiency, and withstand high-traffic environments.
 - **Logistics:** Robust displays for inventory management, tracking systems, and warehouse automation that offer reliability and durability in demanding environments.
 - **Industrial Automation:** Control panels and instrumentation displays built to perform consistently in harsh industrial settings, ensuring reliability, precision, and user-friendly interfaces.
 - **Consumer Electronics:** Versatile displays for wearables, smart devices, and other consumer technology that demand sleek design, low power consumption, and high performance.

Why Choose 4D LCD?



We pride ourselves on delivering custom display solutions that are designed to fit your exact requirements. Here's what sets us apart:

- **Customisation First:** We specialise in custom-designed displays to match your exact specifications, ensuring seamless integration and optimal performance.
- **Industry Adaptability:** Our versatile displays serve a wide range of industries — from healthcare, automotive, and retail to logistics, industrial automation, and consumer electronics.
- **Quality Assurance:** We uphold rigorous testing and quality control to deliver reliable, high-performance displays that excel even in demanding environments.
- **Global Reach:** With clients and partners worldwide, we ensure timely support, efficient delivery, and exceptional service wherever you operate.
- **Sustainability Focus:** Committed to eco-friendly practices, we offer recyclable packaging, waste reduction strategies, and responsible production methods.

TFT LCD

We design and manufacture Thin-Film Transistor Liquid Crystal Displays (TFT LCDs) that deliver striking visuals, precise resolutions, and remarkable clarity. Built using cutting-edge technology, our displays are tailored for durability and exacting performance, serving a variety of needs from consumer gadgets to industrial equipment.

Engineered for colour accuracy and robust functionality, our TFT LCDs offer high contrast and brightness, ensuring visibility in challenging lighting. With the capability to render intricate details, they are a preferred solution for sectors like medical imaging, automotive interfaces, and industrial control panels. These displays are crafted to support innovation and elevate operational standards across industries.suspendisse ultrices gravida. Risus commodo viverra maecenas accumsan lacus vel facilisis.



AVAILABLE IN:

- 4DLCD-24-240-320-NT-CLB-170-M16/S 2.4" IPS TFT LCD, NON TOUCH
- 4DLCD-24-240-320-CT-CLB-165-M16/S 2.4" IPS TFT LCD, CAPACITIVE TOUCH
- 4DLCD-24-240-320-NT-NM-200-M16/S 2.4" IPS TFT LCD, NON TOUCH
- 4DLCD-24-240-320-RT-NM-165-M16/S 2.4" IPS TFT LCD, RESISTIVE TOUCH

Size	2.4"
Resolution	240 x 320px
LCD Type	TN, IPS
Touch	Non-Touch, Resistive Touch, Capacitive Touch, Capacitive Touch with CLB
Brightness	Standard Super-bright (Optional)
Interface Type	MCU-16bit/SPI



AVAILABLE IN:

- 4DLCD-28-240-320-NT-NM-175-M8/M16 2.8" IPS TFT LCD, NON TOUCH
- 4DLCD-28-240-320-CT-CLB-157-M8/M16 2.8" IPS TFT LCD, CAPACITIVE TOUCH
- 4DLCD-28-240-320-NT-NM-200-M16/S 2.8" IPS TFT LCD, NON TOUCH
- 4DLCD-28-240-320-RT-NM-140-M8/M16 2.8" IPS TFT LCD, RESISTIVE TOUCH
- 4DLCD-28-240-320-RT-NM-170-M16/S 2.8" IPS TFT LCD, RESISTIVE TOUCH

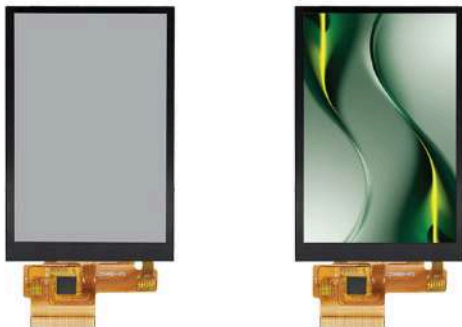
Size	2.8"
Resolution	240 x 320px, 240 x 400px
LCD Type	TN, IPS, Transflective
Touch	Non-Touch, Resistive Touch, Capacitive Touch
Brightness	Standard Super-bright (Optional)
Interface Type	MCU-8/16SPI, MCU-16bit/SPI



AVAILABLE IN:

- 4DLCD-32-240-320-NT-NM-200-M16/S 2.4" IPS TFT LCD, NON TOUCH
- 4DLCD-32-240-320-NT-CLB-160-M16/S 2.4" IPS TFT LCD, NON TOUCH
- 4DLCD-32-240-320-CT-NM-190-M16/S 2.4" IPS TFT LCD, CAPACITIVE TOUCH
- 4DLCD-32-240-320-CP-CLB-194-M16/S 2.4" IPS TFT LCD, RESISTIVE TOUCH

Size	3.2"
Resolution	240 x 320px
LCD Type	TN, IPS, Transflective
Touch	Non-Touch, Non-Touch with CLB Resistive Touch, Capacitive Touch, Capacitive Touch CLB
Brightness	Standard Super-bright (Optional)
Interface Type	MCU-8/16SPI, MCU-16bit/SPI



AVAILABLE IN:

- 4DLCD-35-320-480-CT-CLB-315-M16/S 3.5" IPS TFT LCD, CAPACITIVE TOUCH WITH COVER LENS BEZEL
- 4DLCD-35-320-480-CT-NM-315-M16/S 3.5" IPS TFT LCD, CAPACITIVE TOUCH
- 4DLCD-35-320-480-NT-NM-350-M16/S 3.5" IPS TFT LCD, NON TOUCH TOUCH

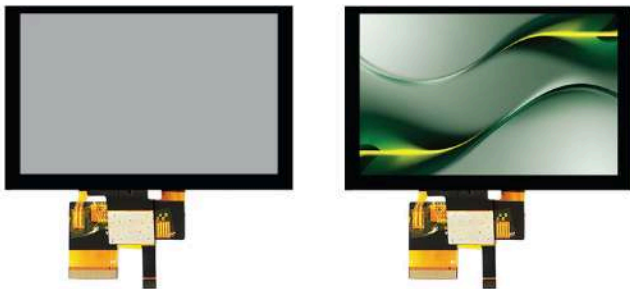
Size	3.5"
Resolution	320 x 480px
LCD Type	IPS
Touch	Non-Touch, Resistive Touch, Capacitive Touch, Capacitive Touch with CLB
Brightness	Standard Super-bright (Optional)
Interface Type	MCU-16bit/SPI



AVAILABLE IN:

- 4DLCD-43-480-272-NT-CLB-R 4.3" IPS TFT LCD, NON TOUCH WITH COVER LENS BEZEL
- 4DLCD-43-480-272-CP-CLB-475-R 4.3" IPS TFT LCD, CAPACITIVE TOUCH WITH COVER LENS BEZEL
- 4DLCD-43-480-272-CT-NM-475-R 4.3"IPS TFT LCD, CAPACITIVE TOUCH
- 4DLCD-43-480-272-NT-NM-500-R 4.3" IPS TFT LCD, NON TOUCH
- 4DLCD-43-480-272-RT-NM-450-R 4.3" IPS TFT LCD, RESISTIVE TOUCH
- 4DLCD-43-800-480-CT-CLB-450-R 4.3" IPS TFT LCD, CAPACITIVE TOUCH WITH COVER LENS BEZEL
- 4DLCD-43-800-480-NT-NM-500-R 4.3" IPS TFT LCD, NON TOUCH

Size	4.3"
Resolution	480 x 272px, 800×480px
LCD Type	IPS
Touch	Non-Touch, Non-Touch with CLB, Resistive Touch, Capacitive Touch, Capacitive Touch with CLB
Brightness	Standard Super-bright (Optional)
Interface Type	RGB



AVAILABLE IN:

- 4DLCD-50-800-480-NT-CLB-540-R 5.4" IPS TFT LCD, NON TOUCH WITH COVER LENS BEZEL
- 4DLCD-50-800-480-CT-CLB-400-R 5.4" IPS TFT LCD, CAPACITIVE TOUCH WITH COVER LENS BEZEL
- 4DLCD-50-800-480-CT-NM-400-R 5.4" IPS TFT LCD, CAPACITIVE TOUCH
- 4DLCD-50-800-480-RT-NM-382-R 5.4" IPS TFT LCD, RESISTIVE TOUCH

Size	5.0"
Shape	Round and Standard
Resolution	1080 x 1080px, 800 x 480px
LCD Type	TN, IPS, Transflective
Touch	Non-Touch, Non-Touch with CLB, Resistive Touch, Capacitive Touch, Capacitive Touch with CLB
Brightness	Standard Super-bright (Optional)
Interface Type	MIPI, RGB



AVAILABLE IN:

- 4DLCD-70-1024-600-CT-NM-500-L 7.0" IPS TFT LCD, CAPACITIVE TOUCH
- 4DLCD-70-800-480-NT-NM-475-R 7.0" IPS TFT LCD, NON TOUCH
- 4DLCD-70-800-480-CP-NM-920-R 7.0" IPS TFT LCD, CAPACITIVE TOUCH
- 4DLCD-70-800-480-RT-NM-403-R 7.0" IPS TFT LCD, RESISTIVE TOUCH

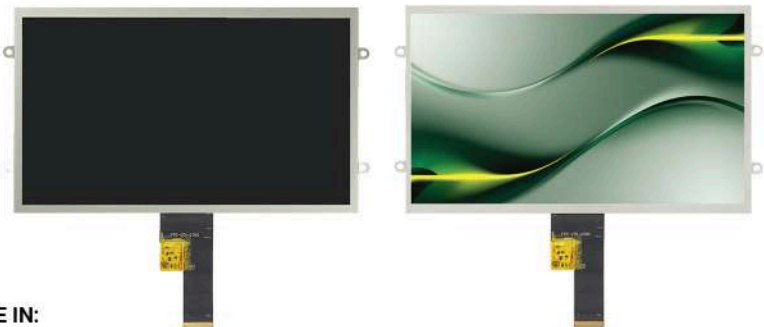
Size	7.0"
Resolution	1024 x 600px, 1280 x 800px, 800 x 480px
LCD Type	TN, IPS,
Touch	Non-Touch, Non-Touch with CLB, Resistive Touch, Capacitive Touch, Capacitive Touch with CLB
Brightness	Standard Super-bright (Optional)
Interface Type	LVDS, MIPI, RGB



AVAILABLE IN:

4DLCD-801024768-CTP	8.0" IPS TFT LCD, CAPACITIVE TOUCH
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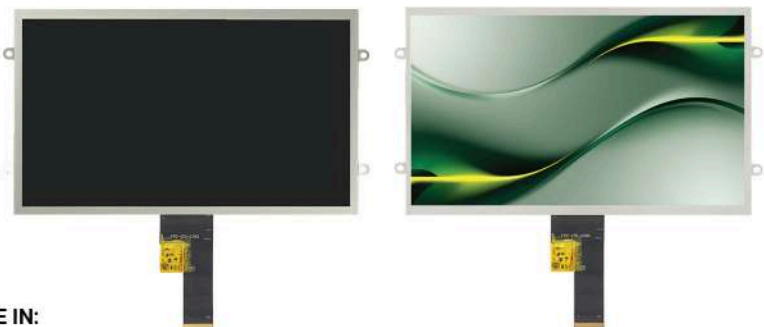
Size	8.0"
Resolution	1024 x 786px, 1280 x 480px, 800 x 480px, 800 x 600px
LCD Type	TN, IPS, Transflective
Touch	Non-Touch, Capacitive Touch
Brightness	Standard Super-bright (Optional)
Interface Type	LVDS and RGB



AVAILABLE IN:

4DLCD-90-800-480-NT-NM-450-R	9.0" IPS TFT LCD, NON TOUCH
4DLCD-90-800-480-CT-NM-400-R	9.0" IPS TFT LCD, CAPACITIVE TOUCH
4DLCD-90-800-480-CT-CLB-475-R	9.0" IPS TFT LCD, CAPACITIVE TOUCH WITH COVER LENS BEZEL
4DLCD-90-800-480-RT-NM-750-R	9.0" IPS TFT LCD, RESISTIVE TOUCH

Size	9.0"
Resolution	1080 x 720px, 800 x 480px
LCD Type	TN, IPS
Touch	Non-Touch, Resistive Touch, Capacitive Touch, Capacitive Touch CLB
Brightness	Standard Super-bright (Optional)
Interface Type	RGB



AVAILABLE IN:

4DLCD-101-1024-600-NT-NM-200-R	10.1" IPS TFT LCD, NON TOUCH
4DLCD-101-1024-600-CT-NM-200-R	10.1" IPS TFT LCD, CAPCITIVE TOUCH
4DLCD-104-1024-100-NT-NM-950-R	10.4" IPS TFT LCD, NON TOUCH
4DLCD-104-1024-768-NT-NM-820-L	10.4" IPS TFT LCD, NON TOUCH

Size	10.4"
Resolution	1024 x 768px, 1024 x 100px,
LCD Type	TN, IPS
Touch	Non-Touch, Resistive Touch, Capacitive Touch, Capacitive Touch CLB
Brightness	Standard Super-bright (Optional)
Interface Type	RGB

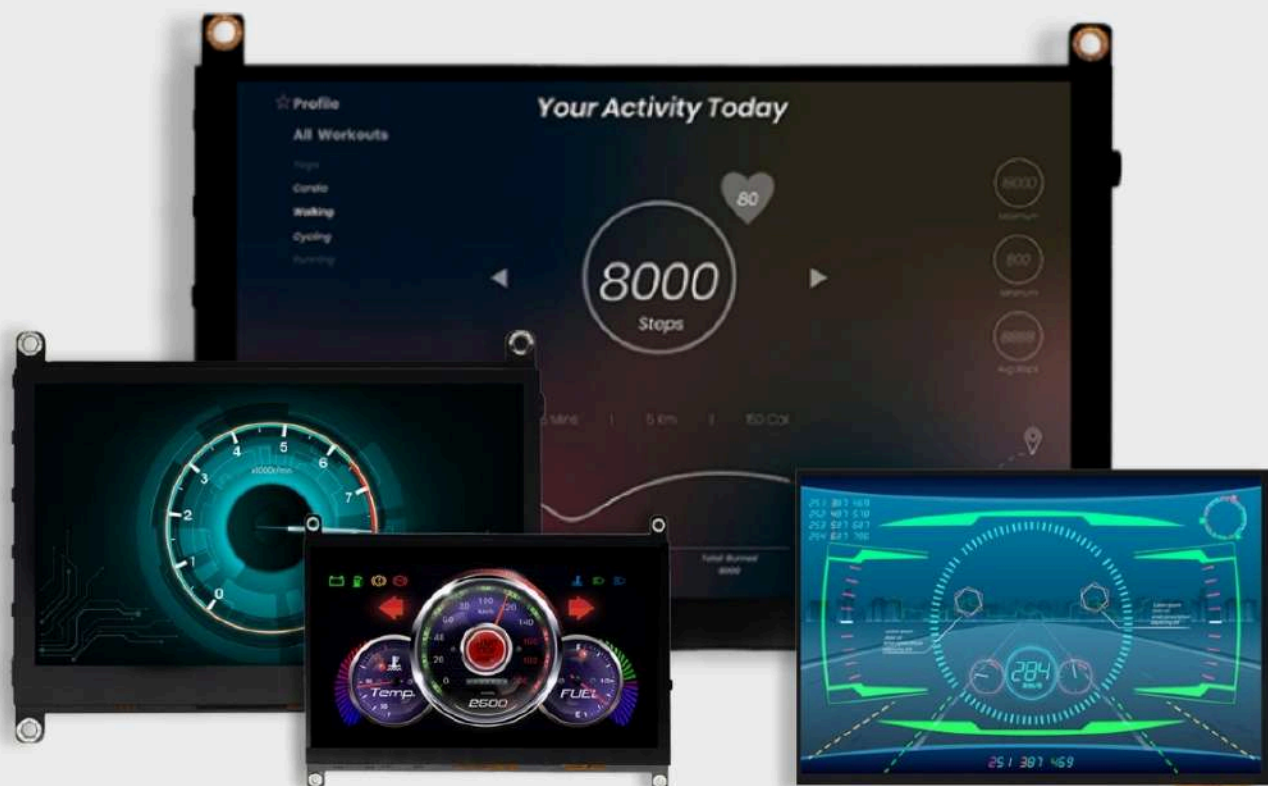
Explore the possibilities with 4D LCD-TFT displays—crafted to cater to a variety of industries and applications. Offered in an extensive selection of sizes and resolutions, our displays can be fully customised to meet your precise requirements, ensuring a perfect fit for your product or project.

TFT LCD PARAMETERS

4D LCD FULL MPN	DIAGONAL DISPLAY INCHES	RESOLUTIONS	LCD TYPE	TOUCH	DRIVER IC	INTERFACE TYPE
4DLCD-096-80-160-NT-NM-180-M/S	0.96	80x160	IPS	Non Touch	ST7735S	MCU/SPI
4DLCD-13-240-240-CT-CLB-150-S	1.3	240x240	IPS	CTP	ST7789H2	SPI
4DLCD-13-240-240-NM-140-S	1.3	240x240	IPS	Non Touch	ST7789H2	SPI
4DLCD-144-128-128-SQ-NT-NM-300-S	1.44	128x128	TN	Non Touch	ST7735S	SPI
4DLCD-177-128-160-CT-NM-635-M/S	1.77	128x160	TN	CTP	ILI9163V	MCU/SPI
4DLCD-177-128-160-RTP-NM-635-M/S	1.77	128x160	TN	RTP	ILI9163V	MCU/SPI
4DLCD-20-176-220-CTP-CLB-460-S	2.0	176x220	TN	CTP	GC9203	SPI
4DLCD-20-176-220-NT-NM-460-S	2.0	176x220	TN	Non Touch	ILI9225G	SPI
4DLCD-21-480-480-CT-NM-250-D/R/S	2.1	480x480	IPS	CTP	ST7701S	MIPI/RGB/SPI
4DLCD-21-480-480-NT-NM-300-D/R/S	2.1	480x480	IPS	Non Touch	ST7701S	MIPI/RGB/SPI
4DLCD-24-240-320-NT-CLB-175-M8/M16/S	2.4	240x320	IPS	Non-Touch	ILI9341V/ST7789	MCU-16bit/SPI
4DLCD-24-240-320-CT-CLB-165-M16/S	2.4	240x320	IPS	CTP	ILI9341V/ST7789	MCU-16bit/SPI
4DLCD-24-240-320-NT-NM-200-M16/S	2.4	240x320	IPS	Non-Touch	ILI9341V/ST7789	MCU-16bit/SPI
4DLCD-24-240-320-RT-NM-165-M16/S	2.4	240x320	IPS	RTP	ILI9341V/ST7789	MCU-16bit/SPI
4DLCD-25-240-240-CT-CLB-300-M16/S	2.5	240x240	IPS	CTP	ST7789V	MCU-16bit/SPI
4DLCD-25-240-240-CT-NM-255-M16/S	2.5	240x240	IPS	CTP	ST7789V	MCU-16bit/SPI
4DLCD-25-240-240-NT-NM-300-M16/S	2.5	240x240	IPS	Non Touch	ST7789V	MCU-16bit/SPI
4DLCD-276-480-480-NT-NM-450-S	2.76	480x480	IPS	Non Touch	ST7701S	SPI
4DLCD-28-240-320-NT-NM-175-M8/M16	2.8	240x320	TN	Non Touch	ST7789V	MCU-8/16bit
4DLCD-28-240-320-CT-CLB-157-M8/M16	2.8	240x320	TN	CTP	ST7789V/ILI9341V	MCU-8/16bit
4DLCD-28-240-320-NT-NM-200-M16/S	2.8	240x320	IPS	Non Touch	ILI9341V	MCU-16bit/SPI
4DLCD-28-240-320-RT-NM-140-M8/M16	2.8	240x320	TN	RTP	ST7789V	MCU-8/16bit
4DLCD-28-240-320-RT-NM-170-M16/S	2.8	240x320	IPS	RTP	ILI9341V	MCU-16bit/SPI
4DLCD-32-240-320-NT-NM-200-M16/S	3.2	240x320	TN	Non Touch	ILI9341V	MCU-16bit/SPI
4DLCD-32-240-320-NT-CLB-160-M16/S	3.2	240x320	TN	Non Touch	ILI9341V	MCU-16bit/SPI
4DLCD-32-240-320-CT-NM-190-M16/S	3.2	240x320	TN	CTP	ILI9341V	MCU-16bit/SPI
4DLCD-32-240-320-CP-CLB-194-M16/S	3.2	240x320	TN	CTP	ILI9341V	MCU-16bit/SPI
4DLCD-35-320-480-CT-CLB-315-M16/S	3.5	320x480	IPS	CTP	ILI9488	MCU-16bit/SPI
4DLCD-35-320-480-CT-NM-315-M16/S	3.5	320x480	IPS	CTP	ILI9488	MCU-16bit/SPI
4DLCD-35-320-480-CT-NM-315-M16/S	3.5	320x480	IPS	CTP	ILI9488	MCU-16bit/SPI
4DLCD-35-320-480-NT-NM-350-M16/S	3.5	320x480	IPS	NON	ILI9488	MCU-16bit/SPI
4DLCD-43-480-272-NT-CLB-R	4.3	480x272	IPS	Non Touch	SC7283	RGB
4DLCD-43-480-272-CP-CLB-475-R	4.3	480x272	IPS	CTP	SC7283	RGB
4DLCD-43-480-272-CT-NM-475-R	4.3	480x272	IPS	CTP	SC7283	RGB
4DLCD-43-480-272-NT-NM-500-R	4.3	480x272	IPS	Non Touch	SC7283	RGB
4DLCD-43-480-272-RT-NM-450-R	4.3	480x272	IPS	RTP	SC7283	RGB
4DLCD-43-800-480-CT-CLB-450-R	4.3	800x480	IPS	CTP	ST7262	RGB
4DLCD-43-800-480-NT-NM-500-R	4.3	800x480	IPS	Non Touch	ST7262	RGB
4DLCD-05-TSF-NT-NM-200-R	5	800x480	TN	NON	HX8264	RGB
4DLCD-50-800-480-CLB-540-R	5	800x480	IPS	CLB	ST7262	RGB
4DLCD-50-800-480-CT-CLB-400-R	5	800x480	IPS	CTP	ST7262	RGB
4DLCD-50-800-480-CT-NM-400-R	5	800x480	IPS	CTP	ST7262	RGB
4DLCD-50-800-480-RT-NM-382-R	5	800x480	IPS	RTP	ST7262A	RGB
4DLCD-68-800-480-NT-NM-XX-R	6.8	800x480	IPS	Non Touch	ST7265	RGB
4DLCD-70-1024-600-CT-NM-500-L	7	1024x600	TN	CTP	HX8282+GT911	LVDS
4DLCD-70-800-480-NT-NM-475-R	7	800x480	TN	Non Touch	EK73002+EK9716	RGB
4DLCD-70-800-480-CP-NM-920-R	7	800x480	IPS	CTP	HX8249+HX8678	RGB
4DLCD-70-800-480-RT-NM-403-R	7	800x480	TN	RTP	EK73002+EK9716	RGB
4DLCD-80-1024-768-CT-NM-1000-L	8	1024x768	TN	CTP		LVDS
4DLCD-90-800-480-NT-NM-450-R	9	800x480	TN	Non Touch	EK9716+EK73002	RGB
4DLCD-90-800-480-CT-NM-400-R	9	800x480	TN	CTP	EK9716+EK73002	RGB
4DLCD-90-800-480-CT-CLB-475-R	9	800x480	TN	CTP	EK9716+EK73002	RGB
4DLCD-90-800-480-RT-NM-750-R	9	800x480	TN	RTP	EK9716+EK73002	RGB
4DLCD-101-1024-600-NT-NM-200-R	10.1	1024x600	TN	Non Touch		RGB
4DLCD-101-1024-600-CT-NM-200-R	10.1	1024x600	TN	CTP		RGB
4DLCD-104-1024-100-NT-NM-950-R	10.4	1024x100	TN	Non Touch	HX8282+HX8678	RGB
4DLCD-104-1024-768-NT-NM-820-L	10.4	1024x768	TN	Non Touch	ILI2511	LVDS
4DLCD-15-1024-768-NT-NM-600-L	15	1024x768	IPS	Non Touch		LVDS
4DLCD-215-1920-1080-NM-600-L	21.5	1920x1080	IPS	Non Touch		LVDS

4D LCD HDMI

(High-Definition Multimedia Interface)



Screen Size	Display Resolution (Pixel)	Touch	LCD Type	Brightness (cd/m2)	Viewing angle
3.4"	800x800px	Non Touch / Capacitive Touch	IPS	500/1000	All
4.0"	720x720px	Non Touch / Capacitive Touch	IPS	500/1000	All
4.3"	480x272px, 800x480px	Non Touch / Capacitive Touch	IPS	500/1000	All
5.0"	800x480px	Non Touch / Capacitive Touch	IPS	500/1000	All
7.0"	800x480px ,1024x600px, 1280x800px	Non Touch / Capacitive Touch	IPS/TN	500/1000	All
8.0"	1280x800px	Non Touch / Capacitive Touch	IPS	500/1000	All
9.0"	1024x600px, 1280x800px	Non Touch / Capacitive Touch	IPS	500/1000	All
10.1"	1024x600px, 1280x800px, 1920x1200px	Non Touch / Capacitive Touch	IPS	500, 650, 800,1000	All
12.1"	1280x800px	Non Touch / Capacitive Touch	IPS	500/1000	All
15.6"	1920*1080px	Non Touch / Capacitive Touch	IPS	500/1000	All

4D LCD OLED

Available in:

Product Name	Diagonal Size	Pixel No.	Color Depth	Panel Size	Active Area	Pixel Pitch	Interface
4DOLED-0959664	0.95 "	96RGB x 64	65,536 Colors	25.70 x 22.20 x 1.40 mm	20.14 x 13.42 mm	0.07 x 0.21 mm (121 PPI)	Parallel, 4-wire SPI
4DOLED-1109696	1.10 "	96RGB x 64	65,536 Colors	25.90 x 30.10 x 1.30 mm	19.852 x 19.852 mm	0.069 x 0.207 mm (123 PPI)	Parallel, 4-wire SPI
4DOLED-12712896	1.27 "	128RGB x 96	262,144 Colors	33.70 x 26.90 x 1.60 mm	25.708 x 19.28 mm	0.069 x 0.201 mm (126 PPI)	Parallel, 3-/4-wire SPI
4DOLED-145160128	1.45 "	160RGB x 128	262,144 Colors	35.80 x 30.80 x 1.60 mm	28.78 x 23.024 mm	0.06 x 0.18 mm (126 PPI)	Parallel, 4-wire SPI
4DOLED-15128128	1.50 "	128RGB x 128	262,144 Colors	33.80 x 34.00 x 1.60 mm	26.855 x 26.864 mm	0.07 x 0.21 mm (126 PPI)	Parallel, 3-/4-wire SPI
4DOLED-17160128	1.7 "	160RGB x 128	262,144 Colors	39.90 x 34.00 x 1.60 mm	33.575 x 26.864 mm	0.07 x 0.21 mm (126 PPI)	Parallel, 4-wire SPI



Vivid. Vibrant. OLED.

Electronic Paper Displays

EPD

Available in:

Product Name	Screen Size	Display Resolution (Pixel)	Active Area	Pixel Pitch	Pixel Configuration	Outline Dimension	Weight
4DEPD-154152152-BWR	1.5 "	200(H)×200(V) DPI : 188	27.00×27.00 mm	0.135×0.135 mm	Square	31.8(H)×37.32 (V) ×1.0 (D) mm	2.18±0.5 g
4DEPD-266296129-BWR	2.66 "	152(H)×296(V) DPI:125	30.704×60.088 mm	0.202×0.203 mm	Rectangle	36.304(H)×71.820 (V) ×1.0(D) mm	4.7±0.5 g
4DEPD-266296128-BW	2.66 "	152(H)×296(V) DPI:125	30.704×60.088 mm	0.202×0.203 mm	Rectangle	36.304(H)×71.820 (V) ×1.0(D) mm	4.7±0.5 g
4DEPD-29296152-BW	2.9"	128(H)×296(V) DPI:108	29.056×66.896 mm	0.226×0.227 mm	Square	36.7(H)×79.0 (V) ×0.4(D) mm	6.7±0.3 g
4DEPD-29296153-BWR	2.9"	128(H)×296(V) DPI:112	29.06×66.90 mm	0.227×0.226 mm	Rectangle	36.7(H)×79.0 (V) ×1.20(D) mm	6.7±0.3 g
4DEPD-42400300-BW	4.2 "	400(H)×300(V) DPI:120	84.8×63.6 mm	0.212×0.212 mm	Rectangle	91 (H)×77 (V) ×1.2(D) mm	16.1±0.3 g
4DEPD-42400300-BWR	4.2 "	400(H)×300(V) DPI:120	84.8×63.6 mm	0.212×0.212 mm	Rectangle	91 (H)×77 (V) ×1.2(D) mm	16.1±0.3 g



Sustainability in Action

Our commitment to sustainability is also reflected in the technology we create. 4D LCD technology is designed with sustainability at its core, offering a new standard in display innovation that doesn't compromise the environment.



Eco-Friendly Materials

4D LCDs are built using non-toxic, recyclable materials that significantly reduce environmental impact. The modular design allows for easy disassembly, ensuring components can be recycled and reused.



Sustainable Manufacturing

Our production processes are optimised to conserve water, utilise renewable energy, and minimise waste through a zero-waste approach, leaving the smallest possible ecological footprint.



Longevity and Durability

Our displays are designed to last longer, reducing the need for replacements and minimising electronic waste.



Energy Efficiency

4D LCDs consume less power than traditional displays, contributing to a lower carbon footprint.



Giving Back to the Community

At 4D LCD, we recognise the importance of giving back. We support communities through initiatives that make a real difference, whether it's contributing to education, providing resources, or backing local programs. We believe that success isn't just about business growth—it's also about having a positive impact where it matters.





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