

NEW 2.1" ROUND TFT DISPLAY

Introducing our new round 480x480 resolution IPS LCD with two interface options.

Our new 2.1" round TFT display features high pixel density with 480x480 resolution and In-Plane Switching (IPS) technology. This technology produces graphics with consistent image quality even at wide viewing angles in both indoor and outdoor environments, including direct sunlight. The display features a high brightness backlight with 1,000 nits and a slim profile, making it suitable for compact designs or portable products. The display also features two user-selectable interface options: Parallel RGB and MIPI DSI. The MIPI interface offers faster data transfer when applications require it.

To prevent electromagnetic interference, this 2.1" LCD also includes EMI shielding for better EMC. It has an operating temperature range of -20°C to 70°C. Applications that are well suited for this display include smart thermostats, home automation, sensor gauges, video surveillance, digital microscopes, industrial controls, blood pressure monitors, and consumer electronics. The display can also be customized with a touchscreen. Elevate your project with our new 2.1" round IPS TFT display for superior performance in every pixel.

Product Part Number: **NHD-2.1-480480AF-ASXP**

TFT Features

- Round screen with 480x480 pixels
- In-Plane Switching (IPS) technology
- High pixel density (229 PPI)
- Sunlight readable (1,000 nits)
- Slim profile (2.26mm thick)
- 18-bit Parallel RGB or 1-lane MIPI DSI interface
- Anti-glare, high-contrast screen
- Full viewing angles
- Better EMC with built-in EMI shielding

