

8/29/24

New 15.6" Full HD TFT Display Module

IDS is excited to introduce the new 15.6" industrial TFT display module, model TX40D202VM0BAA. Our new 15.6" features Full HD resolution (1920 x 1080 pixels) with a 16:9 wide aspect ratio. Utilizing IPS display technology, it delivers outstanding color saturation and optical performance.

The display produces bright, vivid images with a contrast ratio of 1200:1, powered by a white LED backlight that offers a brightness level of 1500 cd/m² and a half-brightness lifespan of 70,000 hours. An integrated LED driver circuit enables flicker-free dimming from 0% to 100% via a PWM input signal.

This 15.6" TFT module is ideal for outdoor applications, EV charging stations, transportation systems, kiosks, marine environments, and medical equipment. It features a dual-channel LVDS interface supporting 8-bit RGB, providing a color palette of up to 16.7 million colors, and operates in temperatures ranging from -30°C to +85°C. The module's external dimensions are 367.86mm (L) x 219.51mm (H) x 14.71mm (D), with an active display area of 344.16mm (L) x 193.59mm (W).

Features

- Resolution: 1920 x 1080 pixels
- Aspect Ratio: 16:9
- Display Technology: IPS (in-plane switching)
- Contrast Ratio: 1200:1
- Brightness: 1500 NITS
- High Color Gamma LED's – 70K MTBF LED Backlight
- NTSC = 80% Typical
- Operating Temperature: -30°C to +85°C



IDS is dedicated to long-term product availability, ensuring consistent supply for industrial and medical equipment manufacturers. These TFT display modules are now available through IDS.

Contact us today to learn more about this new model.

Thank You!