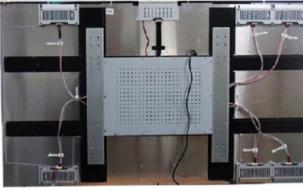
TDD-OFTD-860H

86" Open Frame High Brightness TFT Displays





Overview

Designed especially for outdoor application, the TDD High Brightness TFT Displays include 10.1 to 86 inch, Open Frame, Optical Bonding, Solar Powered, Bar Type, Full Array Local Dimming, Ultra & Custom High Brightness Displays types, ensuring excellent visibility in direct sunlight. Custom backlight solution & advanced brightness sensor allow for automatic adjustments based on ambient light, optimizing readability and energy efficiency, ensuring the clear visibility at all times and extending the lifespan of the displays – making it the ideal solution for the bright environments.

Features (with Durable Metal Case for Accessories)

- 1000 up to 5000 nits, Sunlight Readable, Wide Operating Temperature
- 24/7 IPS Panel with Industrial Grade LED Backlights (analog / PWM Dimming Control)
- Available in Kits Form, Open Frame, Waterproof Optical Bonding Tempered Glass and Fully Custom Design

Specifications

Panel

LCD Type	TFT / IPS / Transmissive / Normally Black
Diagonal Size	86"(16:9), 218.44cm, Active matrix TFT LCD (WLED)
Active Area (mm)	1895.04 mm x 1065.96 mm
Pixel Pitch (H x V)	0.5595 x 0.5595 mm
Resolution	3840 x 2160 (4K)
Viewing Angle	Horizontal: 89° or 178° total / Vertical: 89° or 178° (Typ.)(CR≥10)
Number of Colors	16.7 million
Brightness (typical)	2000 nits
Response Time-total	13 (Typ.)(Tr+Td) ms
Contrast Ratio	1200:1
Input Video Frequency	Horizontal: 30 - 60 KHz / Vertical: 50 - 75 Hz
Interface	LVDS 51 pins
Supply Voltage	12V (Typ.)
DCAD Touch Donal	None

PCAP Touch Panel None LCD Controller (A/D) Board

Video Interfaces Default: 1*VGA, 1*HDMI for 1K, 2*HDMI for 4K; Optional: DVI x1, Display Port x1

Connectors & Controls Audio Mini jack x1 / DC x1; 5 OSD buttons(optional)

Power Supply / Consumption: 100-240 VAC / 24VDC +/- 5%; 800W typical, 1.2W sleep, 0.5W off

Mechanical Outline Dimensions(WHD): 1928.4x1119.9x55.5mm/Weight(Unpacked/Packed): 18.5/N/A kg
Box Dimensions: N/A / Mounting: Open Frame Form

Environmental Operating / Storage Temperature: -10°C to 50°C / -20°C to 60°C

Accessories LCD controller & constant current boards, power supply, ambient light sensor & panel cable

Others MTBF/Warranty/Metal Case/Ready for Use: 50,000 hours demonstrated /1-year / silver / 24/7

^{*} TDD (<u>www.tddtouch.com</u>, <u>sales@tddtouch.com</u>) reserves the right to change specifications without prior notice.