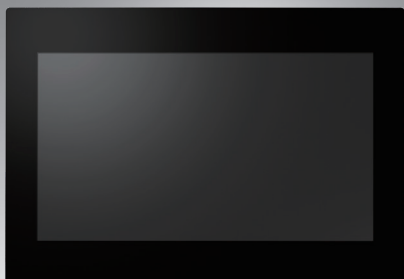


IDK-2107W

7" WSVGA 1,000 cd/m² Ultra High Brightness Industrial Display kit with Touch Solution



Features

- 7" LCD supports 1024 x 600 pixels and wide operating temperature (-20 ~ 70 °C)
- Brightness of 1000 cd/m² with LED backlight
- Projected Capacitive touch solution
- LVDS signal interface
- LED driver board built in
- Touch controller included (USB)
- AR surface treatment (Customized request)
- Optical bonding (Customized request)

Introduction

The Advantech IDK-2107W series comes with a 7" industrial grade LCD display with Projected Capacitive touch. It supports 1000 cd/m² high brightness with low power consumption and wide operating temperature, which provides superior sunlight readability and is perfect for applications whether in semi-outdoor or outdoor environments.

Specifications

| Model | IDK-2107WP-1KWSA1 | |
|--------------|-------------------------|-----------------------------------|
| LCD Panel | Display Size | 7" |
| | Resolution | 1024 x 600 |
| | Display mode | Normally Black(IPS Based) |
| | Viewing Angle (U/D/L/R) | 85 °/ 85 °/ 85 °/ 85° |
| | Brightness | 1000 cd/m ² |
| | Backlight Life (hrs) | 50,000 |
| | Contrast Ratio | 800:1 |
| | Response Time (ms) | 28 ms |
| | Colors | 8 Bit (16.7 M) |
| | LCD Input Voltage | 3.3 V |
| | Consumption | 4.5W |
| | Signal Interface | 1 channel LVDS |
| Touch Screen | Touch Screen | Projected Capacitive |
| | Transparency | 85% |
| | Surface Treatment | Clear |
| | Black border | Yes |
| Environment | Operating Temperature | -20 ~ 70 °C (Surface temperature) |
| | Storage Temperature | -30 ~ 80 °C |

| Part No. | Size | Brightness (cd/m ²) | Interface | Touch screen | Touch Interface |
|-------------------|------|---------------------------------|-----------|----------------------|-----------------|
| IDK-2107WP-1KWSA1 | 7" | 1000 | LVDS | Projected Capacitive | USB |

| SBC Part No. | LVDS Cable P/N | Display Interface | B/L Cable P/N | Touch Interface | Touch Power Input |
|-------------------|----------------|----------------------------|----------------|-----------------|-------------------|
| SOM-5899 (DB5830) | 96CB-L2040PID5 | LVDS: Single channel 18bit | 96CB-E0505PAC3 | USB | 5V |