

IDK-1115P

15" XGA Industrial Display kit with PCT Touch Solution



Features

- 15" LCD supports 1024 x 768 pixels and wide operating temperature (-20 ~ 70° C)
- Brightness of 500 cd/m² with LED backlight
- Projected Capacitive touch solution
- High contrast ratio of 2500:1
- High uniformity of 85%
- LVDS signal interface
- Low power consumption 12.8 W (panel only)
- Touch controller included (USB)
- Anti Reflector surface treatment (optional)
- Optical bonding (optional)

Introduction

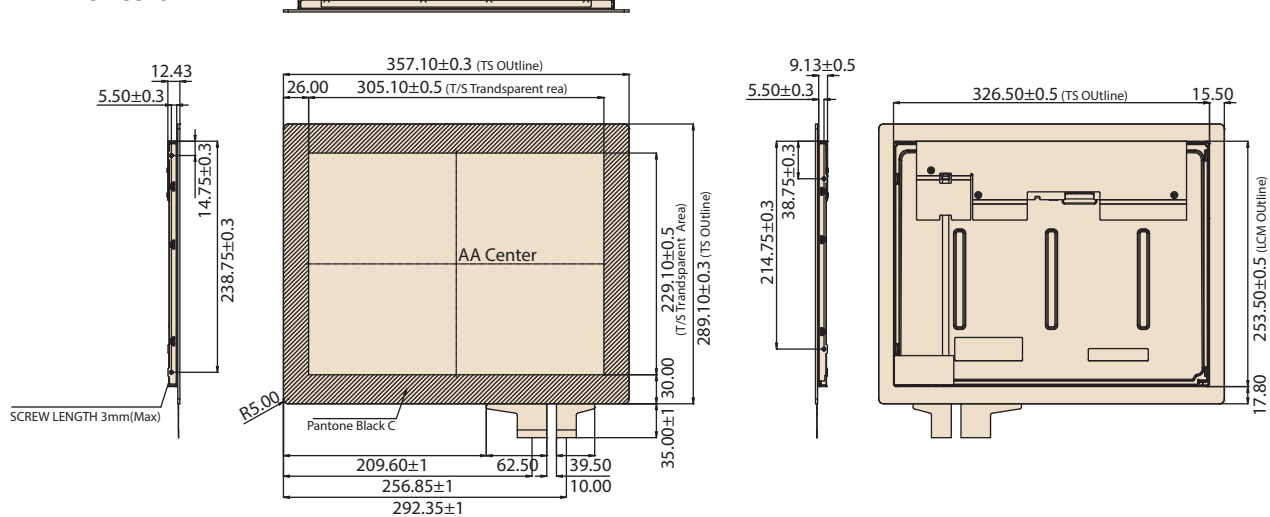
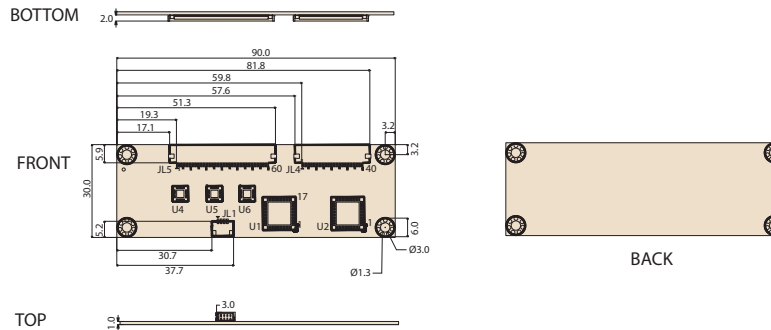
The Advantech IDK-1115P series comes with a 15" industrial grade LCD display with Projected Capacitive touch. IDK-1115P series supports Projected Capacitive touch with low power consumption. IDK-1115P series is ideal for embedded applications which customers have maximum flexibility for mechanical design.

Specifications

| | | |
|--------------|-------------------------|--------------------------------|
| LCD Panel | Display Size | 15", 4:3 panel |
| | Resolution | 1024 x 768 |
| | Viewing Angle (U/D/L/R) | 88° / 88° / 88° / 88° |
| | Brightness | 500 cd/m ² |
| | Backlight Life (hrs) | 50,000hrs |
| | Contrast Ratio | 2500 : 1 |
| | Response Time (ms) | 23 ms |
| | Colors | 6 Bit (262 K) / 8 Bit (16.7 M) |
| | Voltage | 3.3 V Power |
| | Consumption | 12.8 W |
| | Signal Interface | 1 channel LVDS |
| | Weight | 960 g |
| | Dimensions (W x H x D) | 326.5 x 253.5 x 9.1 mm |
| Touch Screen | Touch Type | Projected Capacitive |
| | Transparency | 90 ± 3% |
| | Interface | USB |
| | Surface Treatment | Clear |
| | Black Print | Yes |
| Environment | Operating Temperature | -20 ~ 70° C |
| | Storage Temperature | -30 ~ 80° C |

Dimensions

Unit: mm

IDK-1115P-50XGA1ENote: Tolerances unless marked are ± 0.5 mm**Projected Capacitive Touch controller****Ordering Information**

| Part No. | Size | LCD Brightness (cd/m ²) | Interface | Touch screen | Touch Interface |
|-------------------|------|-------------------------------------|-----------|----------------------------|-----------------|
| IDK-1115P-50XGA1E | 15" | 500 | LVDS | Projected Capacitive Touch | USB |

Packing List**IDK-1115P-50XGA1E**

| Part Number | Description |
|---------------|---|
| 968AA00091 | 1 x Projected Capacitive Touch controller |
| 1700022017-01 | 1 x USB Touch cable |

Note: Package contents are subject to change without prior notice

Optional Order

| SBC Part No. | LVDS cable P/N | Display interface | B/L cable P/N | Touch interface | Touch power input |
|--------------|----------------|----------------------------------|---------------------------|-----------------|-------------------|
| MIO-5270 | 96CB-L2040PCG4 | LVDS: Single channel 18bit (XGA) | 96CB-E0505PAC3 (12V: PWM) | USB | 5 V |
| PCM-9362 | 96CB-L2020PCG2 | LVDS: Single channel 18bit (XGA) | 96CB-E0505PAC3 (12V: PWM) | USB | 5 V |
| AIMB-270 | 96CB-L2040PCG4 | LVDS: Single channel 18bit (XGA) | 96CB-E0505PAC3 (12V: PWM) | USB | 5 V |

For more compatible embedded board solution, please visit our Build Your display web page as bellow
<http://www.advantech.com/buildyourdisplay>