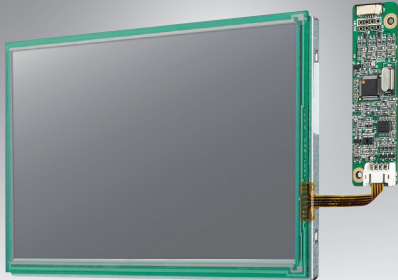


IDK-065R-64VGA1

6.5" VGA Industrial Display kit with Touch Solution

NEW



Features

- 6.5" LCD supports 640 x 480 pixels and wide operating temperature (-5~ 60° C)
- Brightness of 800 cd/m² with LED backlight
- 4-wire resistive touch solution
- High contrast ratio of 600:1
- High uniformity of 85%
- LVDS signal interface
- Low power consumption 3.86 W (panel only)
- LED driver board built in
- Touch controller included (USB)
- AR surface treatment (optional)
- Optical bonding (optional)

Introduction

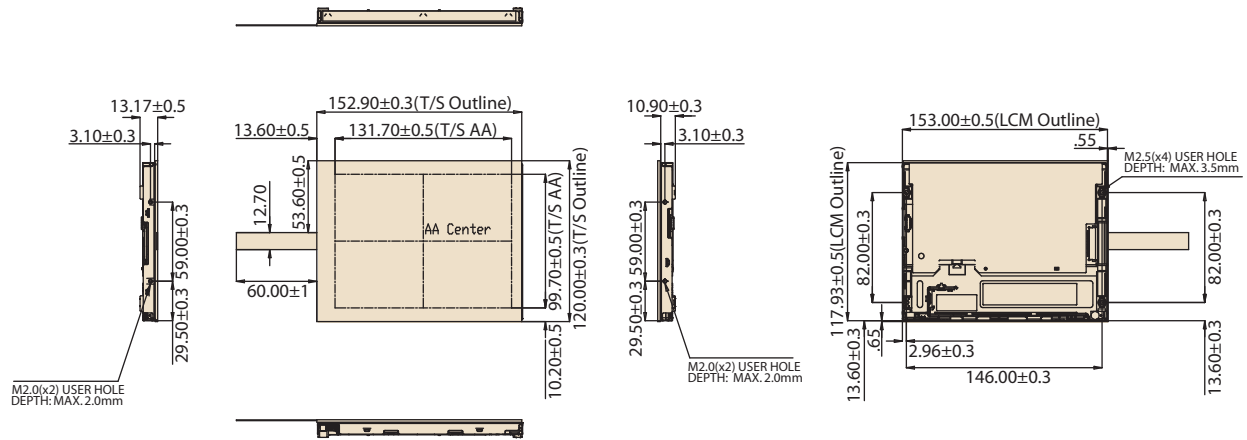
The Advantech IDK-065R series comes with a 6.5" industrial grade LCD display with 4-wire resistive touch. The series is also available with flexible options for LCD screens enhanced treatment such as Anti-Reflection surface treatment and optical bonding solution. IDK-065R series supports 4-wire resistive touch with low power consumption at the maximum of 3.86 W. IDK-065R series is ideal for embedded applications which customers have maximum flexibility for mechanical design.

Specifications

| | | |
|--------------|-------------------------|---------------------------------------|
| LCD Panel | Display Size | 6.5" LED backlight panel (VGA) |
| | Resolution | 640 x 480 |
| | Viewing Angle (U/D/L/R) | 70° / 70° / 80° / 80° |
| | Brightness | 800 cd/m ² |
| | Backlight Life (hrs) | 50,000 hrs |
| | Contrast Ratio | 600 : 1 |
| | Response Time (ms) | 25 ms |
| | Colors | 6 Bit (262K)/8 bit (16.2 M) |
| | Voltage | 3.3 V Power |
| | Consumption | 3.86 W |
| | Signal Interface | 1 channel LVDS |
| | Weight | TBA |
| | Dimensions (W x H x D) | 152.9 x 120 x 13.17 mm |
| Touch Screen | Touch Screen | 4-wire Resistive |
| | Transparency | 82.5± 2.5% |
| | Surface Hardness | 3H |
| | Durability | 1 million times |
| Environment | Operating Temperature | -10 ~ 60° C |
| | Storage Temperature | -30 ~ 70° C |
| | Humidity | 10 ~ 90% @ Max. 38° C, non-condensing |

Dimensions

Unit: mm



Note: Tolerances unless marked are ± 0.5 mm

Ordering Information

| Part No. | Size | Brightness (cd/m ²) | Interface | Touch screen | Touch Interface |
|-----------------|------|---------------------------------|-----------|------------------|-----------------|
| IDK-065R-64VGA1 | 6.5" | 800 | LVDS | 4-wire Resistive | USB |

Packing List

| Part Number | Description |
|-------------|--|
| 9680002154 | 1 x 4-wire USB Touch controller |
| 1700004131 | A Cable 1 x 10P-2.0/USB-A(M) 180CM C=B |
| 1700005912 | A Cable 2 x 4P-2.54/1*4P-2.54 10CM |

Note: Package contents are subject to change without prior notice

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