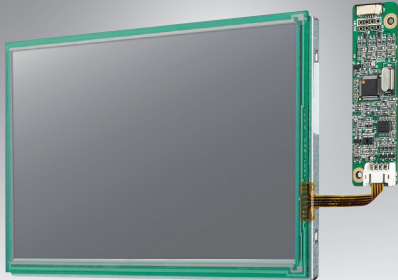


# IDK-065R-64VGA1

## 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/m<sup>2</sup> 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

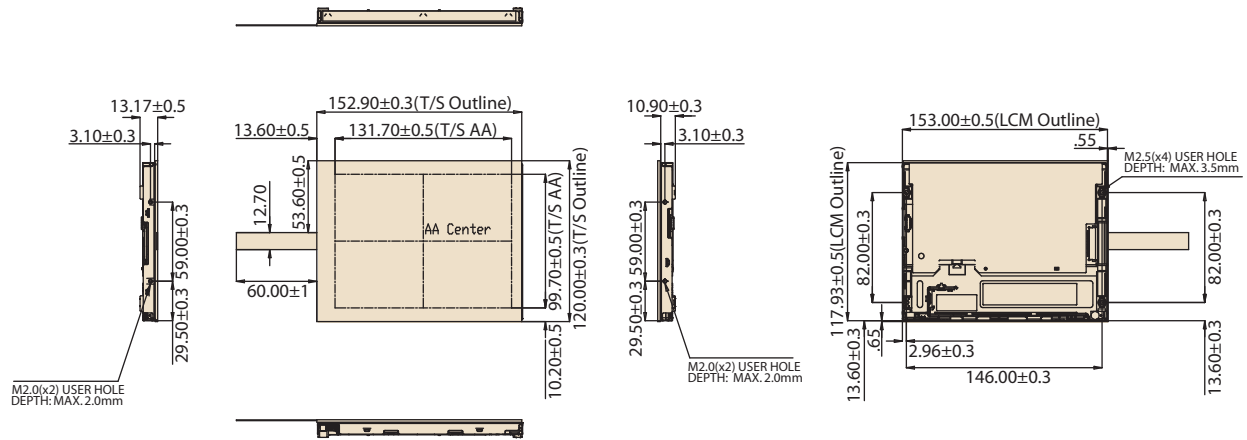
The Advantech IDK-065R series comes with a 6.5" industrial grade LCD display with 4-wire resistive touch. The series is also available with flexible options for LCD screens enhanced treatment such as Anti-Reflection surface treatment and optical bonding solution. IDK-065R series supports 4-wire resistive 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 <sup>2</sup>
	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  $\pm 0.5$ mm

## Ordering Information

Part No.	Size	Brightness (cd/m <sup>2</sup> )	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>

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Display Modules](#) category:*

*Click to view products by [Advantech](#) manufacturer:*

Other Similar products are found below :

[P6153-PR](#) [TDP0700T800480PCAP](#) [P6171DPR-DC-RS](#) [P6171DPR-DC-U](#) [MIKROMEDIA 4 FOR STM32F4 CAPACITIVE FPI](#)  
[MIKROMEDIA 3 FOR STM32F4 CAPACITIVE FPI](#) [TN0216ANVNANN-GN00](#) [TN0104ANVAANN-GN00](#) [TN0181ANVNANN-GN00](#)  
[MIKROMEDIA 5 FOR TIVA CAPACITIVE](#) [MIKROMEDIA 4 FOR TIVA CAPACITIVE](#) [MIKROMEDIA 4 FOR PIC32MZ CAPACITIVE](#)  
[RVT43ULFNWC03 V4](#) [SM-RVT101HVBFWCA0](#) [SM-RVT101HVBNWCA0](#) [SM-RVT35HHBFWCA0](#) [SM-RVT35HHBNWCA0](#) [SM-](#)  
[RVT43HLBFWCA0](#) [SM-RVT43HLBNWCA0](#) [SM-RVT50HQBNWCA0](#) [SM-RVT70HSBFWCA0](#) [SM-RVT70HSBNWCA0](#) [PIM579](#)  
[1215686](#) [PIM543](#) [DFR0678](#) [P6191PR-DC-U-V3](#) [16381](#) [17916](#) [18205](#) [21229](#) [18625](#) [12885](#) [19885](#) [11769](#) [MIKROMEDIA FOR DSPIC33](#)  
[MIKROMEDIA FOR PIC24](#) [MIKROMEDIA FOR PIC32](#) [MIKROMEDIA FOR STELLARIS M3](#) [MIKROMEDIA HMI 3.5 RES](#)  
[MIKROMEDIA HMI 5](#) [MIKROMEDIA PLUS FOR FT90X](#) [MIKROMEDIA PLUS FOR PIC32MX7 SHIELD](#) [MIKROMEDIA PROTO](#)  
[SHIELD](#) [14628](#) [MIKROMEDIA 5 FOR TIVA](#) [MIKROMEDIA 5 FOR TIVA SHIELD](#) [MIKROMEDIA 7 FOR STM32F4](#) [MIKROMEDIA](#)  
[CONNECT SHIELD](#) [MIKROMEDIA FOR ARM](#)