

New IDK-1115R

15" XGA Industrial Display kit with Touch Solution

NEW



Features

- 15" LCD supports 1024 x 768 pixels and wide operating temperature (-20 ~ 70° C)
- Brightness of 500 cd/m² with LED backlight
- 5-wire resistive touch solution
- High contrast ratio of 2500:1
- Wide view angle of 176°/176°
- LVDS signal interface
- LED driver board built in
- Touch controller included (USB)
- AR surface treatment (Customized solution)
- Optical bonding (Customized solution)

Introduction

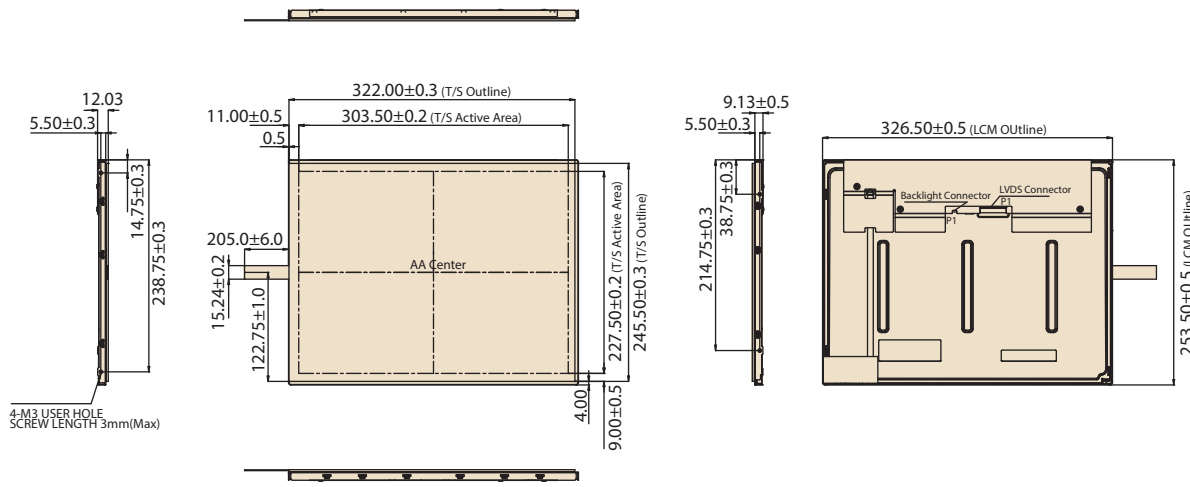
The Advantech IDK-1115R series comes with a 15" industrial grade LCD display with 5-wire resistive touch. The series is also available with flexible options for LCD screens enhanced treatment such as Anti Reflection surface treatment and optical bonding solution. IDK-1115R series supports 5-wire resistive touch with very wide view angle and contrast ratio. IDK-1115R series is ideal for embedded applications which customers have maximum flexibility for mechanical design.

Specifications

LCD Panel	Display Size	15", 4:3
	Resolution	1024 x 768
	Display mode	Normally Black (MVA)
	Viewing Angle (U/D/L/R)	88° / 88° / 88° / 88°
	Brightness	500 cd/m ²
	Backlight Life (hrs)	70,000
	Contrast Ratio	2500:1
	Response Time (ms)	23
	Colors	6 Bit (262K) / 8Bit (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 Screen	5-wire Resistive
	Transparency	80± 3%
	Surface Hardness	3H
	Durability	10 million times
Environment	Operating Temperature	-20 ~ 70° C
	Storage Temperature	-40 ~ 80° C
	Humidity	10~ 90% @ 39° C., non-condensing

Dimensions

Unit: mm



Note: Tolerances unless marked are ±0.5mm

Ordering Information

Part No.	Size	LCD Brightness (cd/m ²)	Interface	Touch screen	Touch Interface
IDK-1115R-50XGA1	15"	500	LVDS	5-wire Resistive	RS-232/USB

Packing List

Part Number	Description
ETM-RES04C-EEH4EE	1 x 5-wire Touch controller
1700020324-01	1x USB Touch cable 5P-2.0/USB-A (M) 180CM

Note: Package contents are subject to change without prior notice

Optional Order

SBC Part No.	LVDS Cable Part No.	Display Interface	B/L Cable Part No	Touch Interface	Touch Power Input
MIO-5270	96CB-L2020PCG4	LVDS: Single channel 18bit (XGA)	96CB-E0505PAC3	USB	5 V
PCM-9362	96CB-L2020PCG2	LVDS: Single channel 18bit (XGA)	96CB-E0505PAC3	USB	5 V
AIMB-270	96CB-L2040PCG4	LVDS: Single channel 18bit (XGA)	96CB-E0505PAC3	USB	5 V

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 :

[LCD-WVGA-7IN-1](#) [P6153-PR](#) [TDP0700T800480PCAP](#) [P6171DPR-DC-RS](#) [99-47-02033A](#) [P6171DPR-DC-U](#) [96LEDK-A215FH25NF5](#)
[IDK-2112N-K2SVA2E](#) [IDK-1121WR-30FHA1E](#) [IDK-104R-32SVI1](#) [WF70GTIAGDNT0#](#) [G1619W02BBW01](#) [MIKROMEDIA 4 FOR](#)
[STM32F4 CAPACITIVE FPI](#) [MIKROMEDIA 3 FOR STM32F4 CAPACITIVE FPI](#) [PH320240T023-IHC09](#) [1148693](#) [1148689](#) [PIM537](#)
[LCD-17520](#) [TN0216ANVNANN-GN00](#) [NA5-15W101B-V1](#) [MIKROE-3981](#) [MIKROE-3924](#) [MIKROE-4312](#) [MIKROE-4313](#) [MIKROE-](#)
[3920](#) [TN0104ANVAANN-GN00](#) [MIKROE-3980](#) [MIKROE-3921](#) [MIKROE-3857](#) [LCD-15890](#) [MIKROE-3860](#) [MIKROMEDIA FOR](#)
[DSPIC33](#) [MIKROMEDIA FOR PIC24](#) [MIKROMEDIA FOR PIC32](#) [MIKROMEDIA FOR STELLARIS M3](#) [MIKROMEDIA FOR XMEGA](#)
[MIKROMEDIA HMI 3.5 RES](#) [MIKROMEDIA HMI 5](#) [MIKROMEDIA PLUS FOR FT90X](#) [MIKROMEDIA PLUS FOR PIC32MX7 SHIELD](#)
[MIKROMEDIA PROTO SHIELD](#) [MIKROMEDIA 5 FOR TIVA](#) [MIKROMEDIA 5 FOR TIVA SHIELD](#) [MIKROMEDIA 7 FOR STM32F4](#)
[MIKROMEDIA CONNECT SHIELD](#) [MIKROMEDIA FOR ARM](#) [MIKROMEDIA FOR DSPIC33EP](#) [MIKROMEDIA FOR PIC18FJ](#)
[MIKROMEDIA FOR PSOC5LP](#)