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Advantech IDS31 Industrial Touch Monitors

Meet Flexible, Rugged, Long-life Demands

August 2016, Eindhoven – Advantech, a leading global manufacturer of embedded platform solutions, announces the release of its IDS31 industrial touch monitor series with flexible mechanical design. While many products developed for the commercial field do not feature many of the elements needed in the industrial field, namely ruggedness, long life and extended availability, Advantech has risen to this challenge and created IDS31 series to meet that need. Ranging from 7" to 32" in both 4:3 and 16:9 sizes, the open frame chassis system is designed for rear mounting to existing panels or new designs alike. IDS31 series is equipped with a clever mechanical design which allows for both touch and non-touch versions as standard, which can even be adapted to alternate touch technologies such as surface capacitive or surface acoustic wave for low minimum order quantities and without the need for additional NRE costs. The design has been developed to minimize bezel frame dimensions and incorporates the standard VESA 75 x 75 or 100 x 100 mounting system. Quick sampling and the biggest product selection make IDS31 series an ideal and cost-effective solution for all industrial, professional, and gaming markets where display differentiation is the key to success.

Superior Flexibility Creates Infinite Possibilities

IDS31 series provides a wide range of size options from 7" to 32" with 4:3 and 16:9 forms. Each design has an optional black powder coated cover (available with low MOQ) to enable the user to specify a closed frame construction allowing surface, pole, arm or other standard VESA mounting systems. IDS31 series provides customers with a wide range of user configurable options such as touch technologies, high brightness, and HDMI/Displayport™ interface. As a testament to the flexibility of the IDS31 wide screen range, Advantech has successfully supplied solutions for applications as diverse as gaming, industrial control, and much more.

The Slim Design Fits Easily Into Any Environment

IDS31 series is designed with narrow bezels and the reduced thickness makes for good aesthetics in the end product along with a wide viewing angle and contrast for both portrait and landscape usage. Its narrow bezels and slim design maximize its usable area and minimize the challenges of industrial integration. IDS31 series is fitted with its own video interface card with DVI/VGA inputs and optional USB for touch screen interface.

The IDS31 Series is available with eight screen options: 7" IDS31-070W, 10.4" IDS31-104, 15.6" IDS31-156W, 18.5" IDS31-185W, 19" IDS31-190, 21.5" IDS31-215W, 23" IDS31-230W, and 32" IDS31-320W. For more information, please contact your local sales or visit www.advantech.com.

Key Features of IDS31 Series

- Wide Range: 7" ~ 32" (4:3 and wide screen)
- Mechanical flexibility: standard open frame and closed frame with low MOQ
- Touch Integrated: PCAP / 5-wire resistive as standard with SAW/AR/IR options
- Flexible video card: DVI/VGA as standard with HDMI/DP options
- Supports VESA mount

Product Portfolio

16:9

	Model	Size	Resolution	Brightness (cd/m^2)	Viewing Angle (L/R/U/D)	MTBF(hr)
	IDS31-070W	7" wide	800 x 480	400	80°/80°/60°/80°	200,000
	IDS31-156W	15.6 wide	1366 x 768	300	85°/85°/80°/80°	200,000
	IDS31-185W	18.5" wide	1366 x 768	300	85°/85°/80°/80°	200,000
	IDS31-215W	21.5" wide	1920 x 1080	250	89°/89°/89°/89°	200,000
	IDS31-230W	23" wide	1920 x 1080	300	89°/89°/89°/89°	200,000

	IDS31-320W	32" wide	1920 x 1080	350	89°/89°/89°/89°	200,000

4:3

	Model	Size	Resolution	Brightness (cd/m²)	Viewing Angle (L/R/U/D)	MTBF(hr)
	IDS31-104	10.4"	800 x 600	230	60°/60°/55°/45°	200,000
	IDS31-190	19"	1280 x 1024	350	85°/85°/80°/80°	200,000

About Industrial Display Systems (IDS)
Advantech Industrial Display Systems provide a wide range of reliable displays from 5.7" to 55" including LCD panels, open frame monitors, outdoor displays, panel mount monitors, and digital signage displays which work perfectly with embedded boards and systems to fulfill various application needs, and all of them are equipped with touch screens. Moreover, we have developed and focused on LCD display technologies such as high brightness technology and optical bonding solutions that bring more add-on value to enhance our LCD monitor, all these features can make industrial LCD panel, open frame monitor, outdoor displays, panel mount monitor and digital signage displays work perfectly in various environments. For more information, please visit http://www.advantech.eu/products/industrial-display-solutions/sub_a2975a59-6393-4037-95e4-f861ff42861c.

About Advantech –Advantech, a leader in providing innovative embedded solutions, offers comprehensive system integration, hardware, software, and customer-centric design services. We work alongside our partners providing complete solutions across a range of industries. Our Industrial Display Systems Division is a world leading integration business, with facilities located globally, working in diverse, technically demanding markets. Realizing our corporate vision of Enabling an Intelligent Planet, Advantech continues collaboration initiatives for Smart city & IoT. (Corporate Website: www.advantech.eu).