

# Full HD 17.3 inch IPS panel Industrial Multimedia Display Monitor

## LCD1730

- Max 4K@30 input
- Full HD IPS Panel
- Capacitive 10-point multi-touch panel(LCD1730MT)
- 6H hard protective panel
- HDMI(HDCP support) / VGA / Video / Audio input
- Cable clamp available
- 3G-SDI Input and output(Level A/B support)(LCD1730S)
- Adjustable stand with low center of gravity
- VESA 75x75 / 100x100 mm support

Model No : LCD1730 [Color: Black]  
LCD1730S [SDI model, Color: Black]  
LCD1730MT [Touch panel, Color: Black]



## Introduction

LCD1730 is a professional multimedia display that uses a full HD resolution (1920x1080) 17.3-inch wide (16:9) IPS LCD panel. High hardness (hardness 6H) protection glass is attached to the LCD surface with OCA (Optical Clear Adhesive) optical transparent adhesive to accomplish a clear and strong design.

There are video input interfaces, HDMI, DVI-D, VGA, video(RCA), and audio(red/white RCA) input interface, supporting up to 4K@30(10.2Gbps) video input. The HDMI and DVI-D input interface also support HDCP which is required for playing copyrighted digital content such as Blu-ray. \* 1) The LCD1730S is equipped with 3G/HD/SD-SDI input/output terminals that comply with SMPTE 424M, SMPTE 425M, SMPTE 292M, and SMPTE 259M interface standards. In addition to supporting different mapping methods for 3G-SDI signals (Level A and B), it also has an SDI output terminal for pass-through of input SDI signals, enabling daisy-chaining between monitors. \* 2)

The LCD1730MT is enables 10-point multi-touch operation, which is supported by Windows 10 as standard, and can be used comfortably with light touch operation. \* 3)

The display aspect ratio is selectable from "Full(16:9)", "4:3", "1.85:1", and "2.35:1" from the OSD (On Screen Display) setting menu. Equipped with various functions such as under scan and reverse display. LCD1730 uses a function key to call these functions and a key lock function that disables all button operations to prevents erroneous operations.

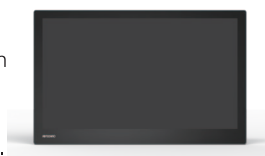
There is a VESA mount interface with standard 75x75mm and 100x100mm screw holes in the back of the monitor. Two self-standing stands [Model No. STD\_001] and [Model No.: SH\_STD] can be mounted via VESA mount are available as options. You can freely adjust the angle according to the installation. In addition, a cable clamp to prevent disconnection is included as standard accessory. By attaching the cable clamp to the dedicated insertion hole on the side of each connection terminal (HDMI / Video / Earphone jack) and fixing it to the cable, you can prevent the cable from accidentally loosening or falling off. The DC connector connection uses a lock-type connector, which can prevent the cable from accidental disconnection during the operation at the field.

A special metal bracket [Model No.: LC17BRK] for mounting on a standard EIA 19-inch rack is available as option. LCD1730 can be mounted on an EIA rack by taking 6U space.

LCD1730 is one of the largest size monitors that can be mounted on an standard EIA rack. Not only being ideal as a server rack mount monitor, LCD1730 can be also used in a variety of environments, from business applications to industrial and personal use, such as post-production, broadcasting stations, educational facilities, exhibitions, events, showrooms, video conferencing, and digital signage etc.

## 17.3-inch full HD (1920x1080) IPS panel

LCD1730 uses a Full HD resolution (1920x1080) 17.3 inch, high brightness (250cd/m<sup>2</sup>), wide viewing angle (170 ° / 170 °), high contrast ratio (800:1) IPS liquid crystal panel. By adopting the full HD panel, it can display images in clear colors with less color change. In addition, OCA (Optical Clear Adhesive) optical transparent adhesive is used to attach high hardness (hardness 6H) glass to the liquid crystal surface to accomplish a clear and strong design.



## Support for HDMI, VGA, Video Input

There are HDMI, DVI-D, VGA, video (RCA) input terminals for video and audio (red / white RCA) input terminals. Digital video signal input supports up to 4K UHD @ 30 and analog video up to 1920x1200. Video (RCA) inputs are also provided to ensure broad compatibility with various professional and consumer products. The HDMI input interface also supports HDCP which is required for playing copyrighted digital content such as Blu-ray. \* 1)



## Support 3G-SDI input / output interface

LCD1730S has 3G / HD / SD-SDI input / output terminals compliant with the SMPTE 425M / SMPTE 296M / SMPTE 274M standard. 3G-SDI supports both Level A and B mapping methods. LCD1730S also has an SDI output terminal to pass through the input SDI, so daisy chaining between monitors is possible.



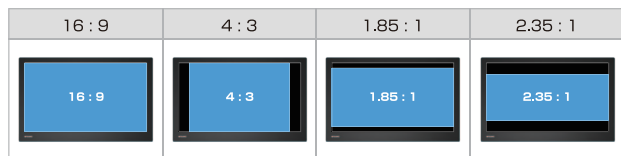
## 10-point multi-touch panel

LCD1730S has 3G / HD / SD-SDI input / output terminals compliant with the SMPTE 425M / SMPTE 296M / SMPTE 274M standard. 3G-SDI supports both Level A and B mapping methods.

LCD1730S also has an SDI output terminal to pass through the input SDI, so daisy chaining between monitors is possible.

## Configurable aspect ratio

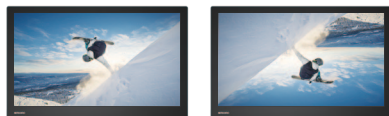
Aspect ratio can be configured to [Full screen(16:9)], [4:3], [1.85:1] and [2.35:1] via OSD settings menu.



## Pixel to pixel mode and Image flip function

When using digital input Pixel-to-pixel mode allows users to display media contents at its original resolution.

Image on screen can be flipped to adapt to various installations and applications.



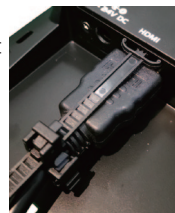
**Installation versatility**  
: Flip the screen to accommodate various types of installation

## Supports standard VESA mount 75x75 mm and 100x100 mmspecification

VESA mount interface with 75x75 mm and 100x100 mm screw holes are available at the backs of the monitor.

## Attachable cable clamp to prevent cable disconnection

HDMI / video(RCA) / earphone jack interfaces are with a cable clamp insertion holes to prevent disconnection at each interface terminal. Cable clamps are provided as standard accessory. By attaching the cable to the monitor, you can prevent accidental disconnection and loosening of the cable.



## DC Jack connector

The DC connector uses a DC Jack lock-type connector, which prevent the cable from sudden pulling off during the operation at the field.



## Brackets for 19-inch EIA Rack(optional)

An optional EIA bracket, [Model No. UL17BRK] is available for mounting the LCD1730 on a 19-inch EIA Rack.

The LCD1730 fits on the rack with 6U.

There will be about 1.3mm of space above and below the monitor.



## Specification

Model No.	LCD1730	LCD1730MT	LCD1730S
Color		Black	
Panel	Size	17.3" Wide (16:9)	
	Panel Type	IPS	
	Surface Finish	Glare / Glass (6H)	
	Resolution	1920 x 1080	
	Brightness	250 cd/m2	
	Contrast	800:1	
View Angle	170° (H) / 170° (V)		
Input	HDMI x 1 / DVI-D x 1 / VGA x 1 / Video(RCA) x 1 / Audio(RCA) L·R x 1		3G-SDI x 1 / HDMI x 1 / DVI-D x 1 / VGA x 1 / Video(RCA) x 1 / Audio(RCA) L·R x 1
Output	Earphone Jack(3.5mmΦ) x 1		3G-SDI x 1 / Earphone Jack(3.5mmΦ) x 1
Touch Panel	Type	-	USB mini B
	Control Interface	-	PCAP 10point
	Supported OS	-	Windows 10 / 8.1 / 8 / 7
Speaker	2W x 2 (L/R)		-
VESA	75 x 75 mm / 100 x 100 mm		
Power	DC 12 ~ 24V		
Power Consumption	Max17W		
Operating Temp.	0 ~ 50°C		
Storage Temp.	-20 ~ 60°C		
Operating/Storage Humidity/	10 ~ 90%		
Dimension	420 (W) x 264 (H) x 40 (D) mm		
Weight	About 2,150g		
Included Items	AC Adaptor/ RCA video cable / Remote / Cable Clamp	AC Adaptor / RCA video cable / Remote / Cable Clamp / USB Cable / Driver CD-ROM	AC Adaptor/ RCA video cable / Remote / Cable Clamp
Warranty	1 Year		
Certificate	FCC / CE / PSE(AC adaptor) / RoHS		

\*1) HDCP 2.2 is not supported. \*2) Signal strength may deteriorate according to cable length and number of attached products. When using daisy chain an equalizer maybe required.

\*3) Windows and Windows 10 is either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.

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3F., 3-29, Ichigayahonmuracho, Shinjyuku-Ku, Tokyo 162-0845 Japan  
TEL: +81 3 5206 3330 FAX: +81 3 5206 3339

Osaka Branch  
7F., Fukusima Bldg., 5-13-18 Fukushima, Fukushima-Ku, Osaka 553-0003, Japan  
TEL: +81 6 6451 0050

Taiwan Branch / Factory  
3/4F., No.268, Liancheng Rd., Zhonghe Dist., New Taipei City 23553, Taiwan  
TEL: +886 8227 9136 FAX: +886 2 8227 9186