LCD7620

7" LCD Monitor

- High Resolution (1280×800), wide angle(178°) 16:10 IPS LCD panel
- 5-wire resistive touch panel ※LCD7620T/LCD7620TW only
- Supports 3G-SDI input ※LCD7620S only
- Supports both Digital and Analog input
- HDCP 1.4 compliant
- Downscan and configurable aspect ratio
- Pixel-to-pixel mode and underscan function
- Configurable quick access function key
- Image flip function
- Stepless adjustable stand with low CG (centre of gravity)
- Loop for anti-theft cable
- VESA mount FPMPMI 75×75mm compatible

7" | Touch (option) | IPS panel | 1280 x 800 | HDCP | 3G-SDI | HDMI | DVI-D | VGA | VIDEO | Speaker | Earphone jack | Stand | VESA

Model No. : LCD7620 (Black)
LCD7620W (White)
LCD7620T (Touch panel,Black)
LCD7620TW (Touch panel,White)
LCD7620S (SDImodel,Black)

Introduction

LCD7620 features a 7 inch 1280×800 (16:10) IPS panel with a brightness of 300 cd/m², view angle of 178° (vertically and horizontally), and a contrast ratio of 800:1.

The LCD7620 series consists of 5 models: the basic models [LCD7620 (black)] & [LCD7620 (white)] feature HDMI / DVI-D / VGA / Video & Audio input, the [LCD7620S (black)] with additional 3G-SDI support and SDI pass-through capability, and the [LCD7620T (black)] & [LCD7620TW (white)] feature 5-wire resistive touch panels on top of the basic model.

All 5 models are capable of displaying resolutions up to 1080p (digital) and WUXGA 1920×1200 (analog), by downscanning the larger resolutions to fit the 1280×800 panel. The aspect ratio can also be manually configured from the following presets: [Full Screen]. [4:3], [16:9], [1.85:1], [2.35:1]. Additionally, the LCD7620 series is HDCP 1.4 compliant, capable of displaying HDCP protected sources such as Blu-ray, etc.

LCD7620 also features pixel-to-pixel mode, underscan, image flip, and also includes a function key, activated by holding down the Input/F1 button, which can be manually configured to trigger various functions for quick access. Equipped along with the speaker is a 3.5mm audio jack for external speaker connections.

LCD7620 has a thickness of 30mm (thinnest 13mm) and is attached with a removable, low CG, stepless adjustable stand. The stand can be collapsed to a compact size for convenience. Removing the stand reveals 4 threaded holes compatible with FPMPMI 75×75mm VESA mounts. Furthermore, built-in to the rear bottom corner of the LCD7620 is a loop for attaching anti-theft cables, etc.

The versatility of the LCD7620 makes it ideal for a wide range of applications: sub-monitors for PC use or filming, inspection/supervision-use at factory lines, educational institutes, exhibition and events, showrooms, video conferences, digital signage or as an OEM part integrated into another product.

High Resolution (1280×800), wide angle(178°) 16:10 IPS LCD panel

The LCD7620 is equipped with a high resolution (1280×800) 7 inch IPS panel with a brightness of 300cd/m², contrast ratio of 800:1 and view angle of 178° (vertically and horizontally). Even at a small size of 7 inch, the LCD7620 boasts superior clarity (215.63 ppi) and color representation.

5-wire resistive touch panel

The 5-wire resistive touch panel addresses the durability weakness point of the 4-wire resistive touch panel, and also produces a smoother touch analysis. Resistive touch panels also have the advantage over capacitive touch panels in versatility, usable with stylus touch pens or gloved hands.※LCD7620T/LCD7620TW only.

Supports 3G-SDI input

SMPTE standard 3G-SDI input is fully supported by the LCD7620S. Uncompressed digital HD video and audio can be delivered over long distances via a single coaxial cable. The LCD7620S also includes SDI pass-through function, outputting the SDI input signal via the SDI output port for chain connections or connecting to other display devices.※SDI compatible with LCD7620S only.

Supports both Digital and Analog input

Digital and analog input signals such as 3G-SDI (※LCD7620S only), HDMI, DVI-D, VGA and Video compatible.

HDCP (High-bandwidth Digital Content Protection) 1.4 compliant

LCD7620 is capable of displaying HDCP 1.4 protected media contents such as Blu-ray, etc.

Downscan and configurable aspect ratio

LCD7620 supports up to 1080p (digital) and WUXGA 1920×1200 (analog) resolutions, downscanning larger resolutions to fit the 1280× 800 (16:10) screen. Additionally, aspect ratio can be configured via the OSD (on screen display) settings menu. Selectable aspect ratio presets include: [Full screen], [4:3], [16:9], [1.85:1] and [2.35:1].

1920 x 1080

1280 x 720

**Downscan + aspect ratio settings:
Display Full HD videos with no stretching/distortions!**

Pixel-to-pixel mode and underscan function

Pixel-to-pixel mode allows users to display media contents at its original resolution. Underscan function allows users to decease the size of the original media contents to fully fit the monitor screen.

Stepless adjustable stand with low CG (centre of gravity)

LCD7620 features a stepless adjustable stand which enables tilting and adjusting to your desired angle. The bottom side of the stand also includes holes that can be used with wall-mount hooks (when fully collapsed).

Loop for anti-theft cable

A loop is built into the LCD7620 rear bottom for anti-theft cable, chain or lock attachments.

Image flip function

Flip the screen to adapt to installation and application.

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

Configurable quick access function key

Long pressing the Input/F1 button triggers the quick access function key. This function key can be mapped to a frequently used settings function for quick accessibility. Functions that can be mapped to the key include: [Check Field] [Color Bar], [Aspect Ratio], [Image Flip], [Zoom], [Pixel-to-pixel], [Underscan].

VESA mount FPMPMI 75×75mm compatible

LCD7620 is equipped with 4 threaded holes compatible with VESA FPMPMI standard 75×75mm mounts. Removal of the stand is required to use the VESA mount holes.

Product Specifications

Model number		LCD7620	LCD7620W	LCD7620T	LCD7620TW	LCD7620S
Color		Black	White	Black	White	Black
LCD Panel	Size	7 inch, wide-screen				
	Panel Type	IPS				
	Resolution	1280×800 (16:10)				
	Brightness	300 cd/m²				
	Contrast Ratio	800:1				
	View Angle	178°(H) /178°(V)				
Touch Panel	Type	-		5-wire resistive		-
	Control interface	-		USB Mini-B		-
Input		HDMI（HDCP 1.4 compliant）/ DVI-D/VGA/Video/Audio（Stereo）				3G-SDI/HDMI（HDCP 1.4 Compliant）/DVI-D/VGA/Video/Audio（Stereo）
Output		Audio（Stereo）				3G-SDI（BNC）/Audio（Stereo）
Speaker		1W × 1				
VESA(FPMPMI)standard		75 × 75 mm				
Power		DC 7～24V				
Supported OS (Touch function)		-		Windows 8.1/8/7/XP		-
Operating Temperature		0～50℃				
Storage Temperature		-20～60℃				
Dimensions		180 (W) × 125 (H) × 28 (D) mm ※Excluding Stand				
Weight		Approx. 940g（Approx.400g ※Excluding stand）				
Package Content		Monitor / HDMI Cable / VGA Cable / Video Cable / Remote Control / AC Adapter / USB Cable (*1)/Touch Panel Driver CD-ROM (*1)/ Touch Pen (*1)				
Certifications		FCC/CE/PSE（AC Adapter）/RoHS				

※HDMI, HDMI logo, or High-Definition Multimedia Interface, are trademarks or registered trademarks of HDMI Licensing LLC.
※Windows is either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.
※Due to product improvements, specifications are subject to change without notice.
※Compatibility with ALL devices not guaranteed.
(*1) The indicated items are only included with touch panel models（LCD7620T/LCD7620TW）only.