

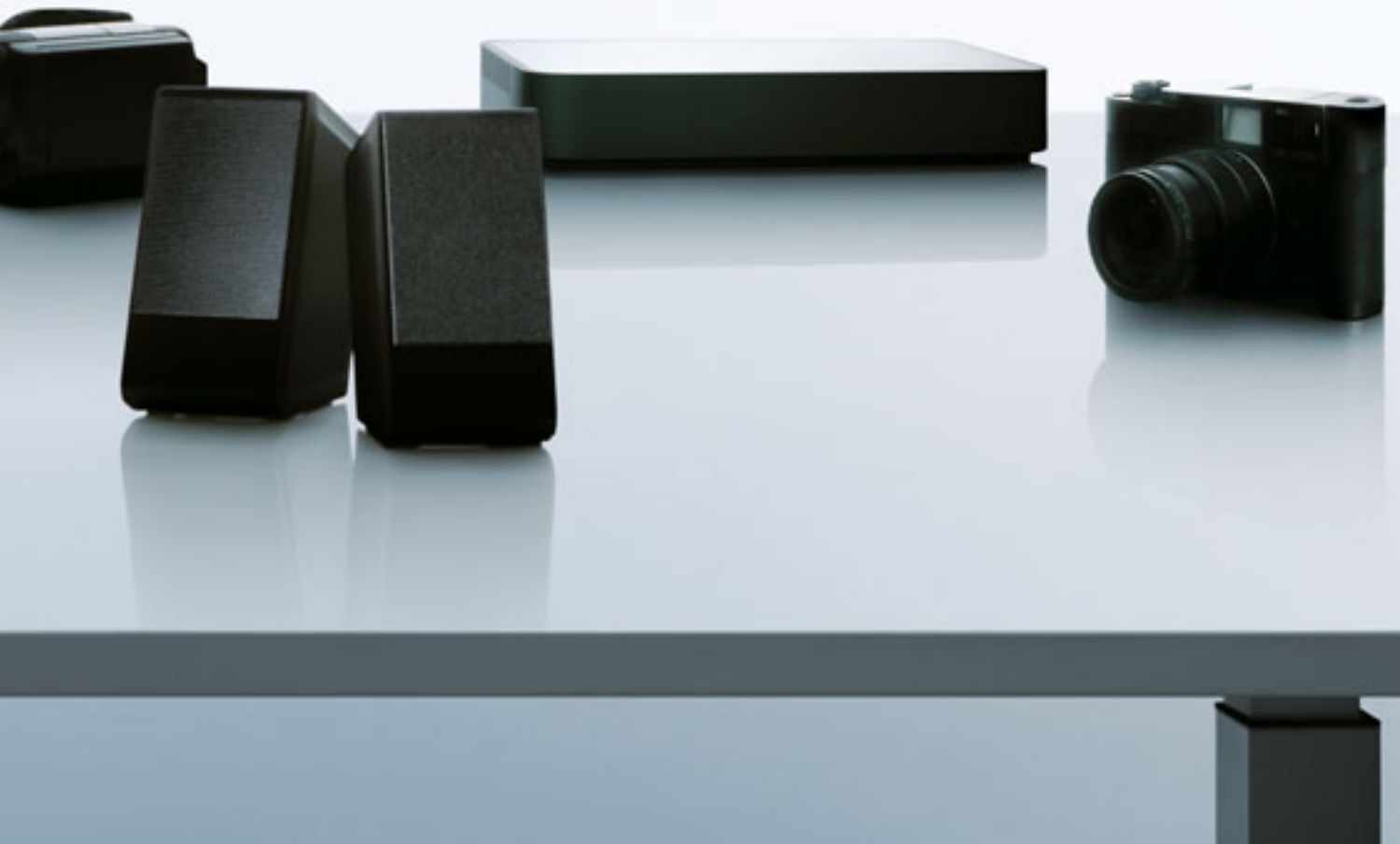
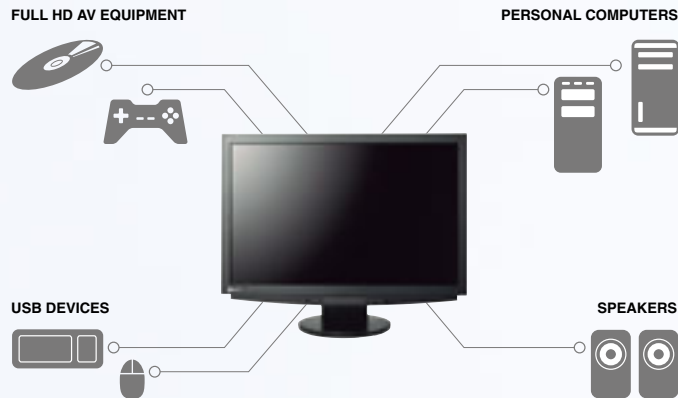


FlexScan® HD2441W

61 cm (24.1") Color LCD Monitor



Discover the versatility and full high definition capability of the FlexScan HD2441W. With dual PC and HDMI (High Definition Multimedia Interface) ports, it is not only ready to connect to your computers, but also lets you enjoy full HD content from game consoles and AV equipment at a 1920 × 1080 resolution. Images have greater contrast, look sharper, and seem more natural thanks to an EIZO next-generation integrated circuit originally developed for use in TVs. And sound from all connected devices can be routed to a single set of speakers. Connect to the FlexScan HD2441W and make the most of full high definition.



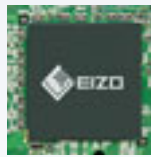
The full HD monitor with all the right connections.



Technology to Enhance Full High Definition

Next-Generation ASIC Achieves Natural-Looking Images

The HD2441W uses a next-generation ASIC (Application Specific Integrated Circuit) specially developed by EIZO for use in LCD TVs. This produces images that look more natural by boosting contrast and reducing blur around the edges of motion pictures.



3000:1 Dynamic Contrast

EIZO's ContrastEnhancer adjusts in real time the brightness, gain, and gamma for images that are too



ContrastEnhancer off



ContrastEnhancer on

light or too dark to their ideal levels. With moving images it produces a dynamic contrast ratio of 3000:1, resulting in deep blacks and more lifelike images.

Sharper Images with OutlineEnhancer

The OutlineEnhancer is a filter to sharpen any blurred areas of an image. Filtering is done inside the monitor rather than by software on the PC so OutlineEnhancer sharpens moving as well as still images in real time. Seven degrees of adjustment are provided in the OSD menu.



OutlineEnhancer off



OutlineEnhancer on

Rich Tonal Reproduction

While computer monitors display tones from pure white to pure black in a range of 0 to 255, broadcast media and entertainment equipment display these same tones from 16 to 235. So when computer monitors are

PC and AV Connectivity

Dual HDMI Connectors and Support for 1080p

Two HDMI (High Definition Multimedia Interface) connectors are provided for connecting to the latest HD entertainment equipment — which means the usual tangle of AV wires can be switched for a single slim cable accepting audio and video signals up to 1080p.



The HD2441W also minimizes artifacts that normally occur during interlace/progressive (I/P) conversion



Artifacts present



Artifacts minimized

by detecting the amount of change between frames and applying the optimal degree of I/P conversion. And not only does the HD2441W handle standard 480i to 480p conversion, but more demanding 1080i to 1080p conversion as well — maintaining image quality while performing high-speed processing.

Further Functionality and Performance

Picture-in-Picture

Displaying content from a PC on the main screen while showing video input on a sub screen, Picture-in-Picture lets you do two things at once — such as surfing the web while watching a high-definition DVD. The transparency and location of the sub screen can be adjusted through the onscreen display menu.



Picture-in-picture mode

PC and Video Viewing Modes

Several viewing modes are available for both computer and AV sources, allowing you to select the best settings for each. For PCs, there's a choice of Text, Movie, Picture, sRGB and Custom (user-defined), as well as WindowMovie that displays media player software brighter than the rest of the screen. For audio visual devices, there's a choice of Standard and Custom modes, as well as Soft mode for movies and Dynamic mode for fast-action games.

Optimized Brightness

The BrightRegulator function detects changes in the ambient brightness and signals the backlight to adjust the screen brightness accordingly. This ensures the screen is never too bright or too dark, thereby preventing eye fatigue when playing games or watching videos.

used to display video or game content, images can often look dull and washed out. The HD2441W, however, can display video signals in the 16 to 235 range, so tones are displayed exactly as intended.



Black washout



No black washout

16:9 Full Mode Eradicates Overscan

When you watch a TV broadcast or view video, game or other content, you're usually missing part of the image. That's because a process called "overscanning"



16:9 "normal" mode



16:9 full mode

crosses the picture on all four sides to provide stable, undistorted viewing. This can take away as much as 10% of the image — even when viewed at full HD resolution. The HD2441W, on the other hand, features an industry-first 16:9 Full mode that eliminates cropping, allowing the image to be seen in its entirety.

Images in Overdrive with Minimum Delay

An overdrive circuit reduces midtone response time to 6 ms and helps prevent ghosting during moving picture playback. This circuit has minimal effect on "input lag" or the difference between the time a signal is inputted into the monitor and then shown on screen. Gamers can rest assured that their movements and those of their opponent are virtually synchronous with what they see on the screen.

Dual PC Inputs

A digital DVI-D and an analog D-sub connector are both included, so two computers can be connected at the same time. The DVI-D input also features high-bandwidth digital content protection (HDCP) for the viewing of content from HDCP devices.



Stereo jack, HDMI, PC, and USB upstream ports

Two USB Upstream and Downstream Ports

Two USB upstream ports at the back of the monitor allow for connection to two computers, while two down-

stream USB ports located at the side allow for connection to two peripherals. This lets you use a single mouse and keyboard, for example, to control both computers, and cuts down on desktop clutter.

Single Audio Output for All Sound Sources

An audio output jack routes the audio signal from any connected device — computer, games console, HD DVD player, etc. — to external speakers. This further cuts down on cable clutter. Another jack is located on the side of the monitor for connecting headphones.



Headphone jack and downstream USB ports

Slide Bar

A touch-sensitive slide bar simplifies navigation of the OSD menu by doing away with the need to press multiple buttons.



Slide bar operation

ArcSwing 2 Stand

This innovative stand offers a curved range of movement so you can position it at eye level or at a low angle akin to reading a book. In addition, it features a sturdy base and a compartment for cable management.

3 Cabinet Colors

Available in titanium silver, a white/silver combination, and black.

Accessories

To increase the functionality of the HD2441W, EIZO offers mounting arms, a panel protector with glossy and non-glare sides, and client management software. For details, please see www.eizo.com/products/accessories/

Customer Assurance

Comes with a five-year warranty, complies with leading ergonomic, safety, and energy standards, and carries the EIZO Eco Products 2006 label indicating that it meets strict internal requirements for packaging and manufacturing.





Titanium Silver



White/Silver



Black

FlexScan HD2441W

		PC Input	AV Input
Panel	Panel Size and Type	61 cm (24.1") TFT color LCD panel	
	Viewing Angles (H, V)	178°, 178° (at contrast ratio of 10:1)	
	Brightness / Contrast	450 cd/m ² / 1000:1 (Dynamic Contrast / 3000:1 with ContrastEnhancer)	
	On/Off Response Time	16 ms (typical)	
	Midtone Response Time¹	6 ms	
	Native Resolution	1920 × 1200	
	Active Display Size (H × V)	518.4 × 324 mm	
	Viewable Image Size	Diagonal: 611 mm	
	Pixel Pitch	0.270 × 0.270 mm	
Display Colors	16.77 million from a palette of 1.06 billion		
Cabinet Colors		Titanium Silver, White/Silver, Black	
Dot Clock		Analog: 162 MHz, Digital: 162.5 MHz	
Scanning Frequency (H, V)	Analog	31.5 – 80 kHz, 55 – 76 Hz	–
	Digital	31.5 – 76 kHz, 59 – 61 Hz	–
Input Signals		Analog: RGB Analog, Digital: DVI Standard 1.0	
Input Terminals		D-Sub mini 15 pin, DVI-D 24 pin (HDCP supported ²)	HDMI × 2
USB Ports / Standard		2 upstream, 2 downstream / USB Standard Rev. 2.0	
Plug & Play		VESA DDC/CI, DDC 2B	
Power	Power Requirements	AC 100 – 120 V, 200 – 240 V: 50 / 60 Hz	
	Power Consumption	110 W maximum, 48 W typical	
	Power Save Mode	Less than 2 W	
Physical Specifications	Height Adjustment Range	90 mm	
	Tilt / Swivel / Pivot	60° Up, 5° Down / 172° Right, 172° Left / –	
	Dimensions (W × H × D)	With Stand: 566 × 362.5 – 480 × 230 mm Without Stand: 566 × 396 × 92.3 mm	
	Net Weight	With Stand: 10.3 kg Without Stand: 7.9 kg	
Auto Brightness Functions		Auto Brightness Stabilization, Auto Brightness	
Auto Adjustment Functions (analog only)		Auto Setup	
Auto Power Save Function		Analog: VESA DPMS, Digital: DVI DMPM	
Display Mode Options		Fine Contrast (Text, Picture, Movie, sRGB, Custom), Auto Fine Contrast ³	Standard, Soft, Dynamic, Custom
ScreenManager OSD Adjustment Functions	Screen Adjustment (analog only)	Auto Screen, Auto Range, Clock, Phase, Position, Resolution, Signal Filter	
	Screen Size	Full Screen, Enlarge, Normal	
	Color Adjustment	Color Mode, Brightness, Contrast, Black Level, Temperature (in 500 K increments from 4,000 K – 10,000 K including 9,300 K), Saturation, Hue, Reset, Enhancer (Contrast, Outline), Gain, Gamma	Color Mode, Brightness, Contrast, Black Level, Temperature (in 500 K increments from 4,000 K – 10,000 K including 9,300 K), Saturation, Hue, Reset, Enhancer (Contrast, Outline), Gamma, Noise Filter, I/P Conversion
	Audio	Volume, Treble, Bass, Balance, Sound Level	
	Other Settings	Picture in Picture Settings, Language (English, French, German, Italian, Japanese, Simplified Chinese, Spanish, Swedish, Traditional Chinese), Auto Brightness, Signal Detection, Power Indicator, Beep, Auto Screen Size, Color Space, Field Rate, USB, Off Timer, Product Information, Reset, Adjustment Lock	
Audio	Input Terminals	USB Audio × 2	HDMI × 2
	Output Terminals	Stereo mini jack, headphone jack (5 mW + 5 mW or less)	
Certifications and Standards		TCO'03 (white/silver and black cabinets only), TÜV/Ergonomics (including ISO 13406-2), TÜV/GS, c-Tick, CE, CB, UL (cTÜVus), CSA (cTÜVus), FCC-B, Canadian ICES-003-B, TÜV/S, VCCI-B, EPA ENERGY STAR®, RoHS, WEEE, EIZO Eco Products 2006	
Supplied Accessories		AC power cord, signal cables (DVI-D – DVI-D, DVI-I – D-Sub mini 15 pin), HDMI – HDMI, USB cable, EIZO LCD Utility Disk (PDF user's manual, ScreenManager Pro for LCD ⁴ , ICC Profile), setup guide, 4 screws for mount option, warranty card	
Warranty		Five Years ⁵	

¹ Average response time measured between each grayscale level of 31, 63, 95, 127, 159, 191, and 223. ² Display with audio/video devices is not supported. ³ Bundled ScreenManager Pro for LCD is necessary to activate Auto Fine Contrast. Support for those functions varies with the graphics board used. ⁴ ScreenManager Pro for LCD is compatible with the Microsoft Windows Vista/XP/2000 operating systems only. ⁵ The usage time is limited to 30,000 hours or less, and the warranty period of the LCD panel and backlight is limited to three years from the date of purchase. With current LCD technology, a panel may contain a limited number of missing or flickering pixels.