

JVC®

The Perfect Experience / —

GD-32X1

32-inch Full HD LCD Monitor

Full HD
1920x1080



Stunningly thin — just 6.4mm* thick at its thinnest point — and weighing a mere 5.7kg, the remarkable GD-32X1 delivers versatile performance anywhere, all the time.



- Full HD panel complemented by an advanced picture engine ensures beautifully natural yet vivid still images and video reproduction.
- 100Hz/120Hz Clear Motion Drive III anti-blurring technology significantly reduces motion blur for impressive picture quality.
- Faithful colour reproduction thanks to 90% coverage of Adobe RGB's wide colour space along with a contrast ratio of 4,000:1.
- LED edge-lighting system realises a super-thin and lightweight form while the use of fewer material resources minimises impact on the environment.

* The slimmest depth from the front surface of LCD panel to the rear surface of the cabinet.

From storefronts and offices, to medical use and... lightweight GD-32X1 is the amazingly stylish



Enhance the allure of products

Hanging the monitors from the ceiling in rows is a highly effective and stylish way to add appeal to products displayed at a storefront.

Smooth and natural video reproduction

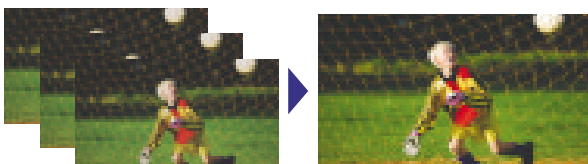
JVC picture engine

- **Real Bit Drive** with 12-bit (x RGB = 36-bit) processing
- **Intelligent Colour Management:** JVC picture engine analyses colour distribution in each frame of the input signal in real time to perform precise processing. This emulates the way people naturally increase visual sensitivity for colours in an object that captures their attention, resulting in images with more realistic colours and textures as well as added dimensional quality.
- **High-speed Intelligent Gamma Adjustment:** Thanks to the enhancement of CPU performance dedicated to picture adjustment, the fine-tuning of contrast in light and dark areas of a scene has now been significantly improved. Images that were once difficult to recreate can now be seen clearly with full contrast and ample presence.



Vivid colours and rich contrast realised.

- **Intelligent Clear NR:** Detects picture noise in real-time to reduce noise without motion blur.



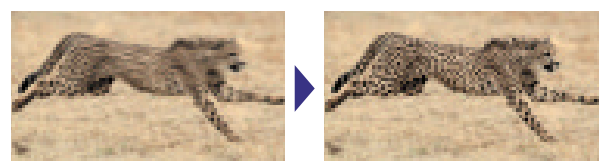
3D NR processing is available for images with rapid movement.

Compatible with wider colour spaces including Adobe RGB colour space

The algorithm featured on the JVC picture engine can reproduce colours from all sources without any gap in the colour phase even if colour space of the panel and input signal differs. Whether the source is high-definition video or a digital SLR photograph taken with variable colour spaces such as sRGB or Adobe RGB, the user can select from one of five available colour spaces: Wide (the LCD monitor's widest colour space), Normal (HDTV standards), x.v.Colour (xvYCC extended gamut), sRGB (same as HDTV), and Adobe RGB to realise colour reproduction faithful to the source.

100Hz/120Hz Clear Motion Drive III

The high-speed driver effectively reduces typical motion blur in LCD monitors by utilising a 3D real-time noise reduction system that eliminates noise while maintaining the realism and sharpness of the original picture for both 50Hz (PAL) and 60Hz (NTSC) signals.



Conventional model without the high-speed driver

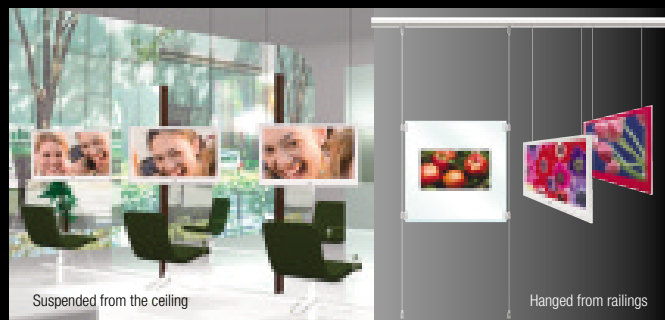
100Hz/120Hz Clear Motion Drive III

and even security applications — the super-thin, sleek and versatile answer for today's needs.



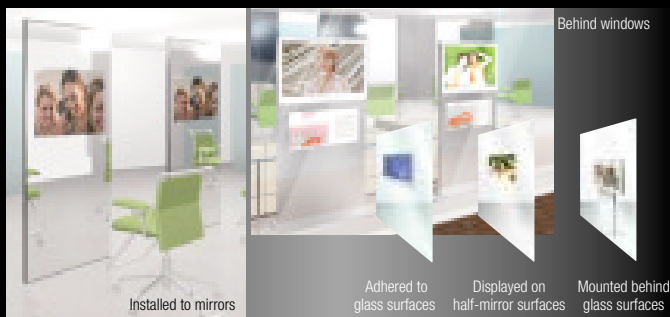
Take it with you anywhere

Wall mounting is its basic advantage but the monitor is also light enough to be carried around comfortably anywhere!



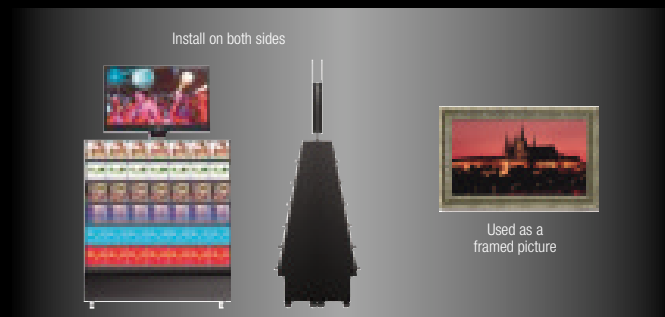
Discover new ways to display the monitor

The monitor is ideally suited for hanging from the ceiling or railings but explore new display possibilities by consulting with professional installers or interior furnishing specialists.



Creating attractive sales tools

The monitor can be situated behind a show window to create an attractive after-hours advertising display. It can also be adhered onto glass surfaces, mounted behind glass surfaces, etc.



More installation possibilities

Install two monitors above a product display on both sides. Use the monitor as a framed picture. The monitor features Portrait Mode for a vertical installation.

Pro-spec preset modes ready for a wide range of applications

A variety of professional-specification preset modes are available for applications such as digital signage and digital SLR camera use

Professional-specification preset modes for applications such as digital signage, surveillance (in CCTV HD and SD modes), and general medical reference* use are available. These different preset modes such as colour temperature for broadcasting studio retakes and a gamma curve setting based on the DICOM gray scale display function (GSDF) for general medical reference help to optimise performance, making the GD-32X1 an excellent choice for diverse requirements.

• Signage

Preset mode for displaying sharp, clear text and bright images with optimised resolution for electronic signage.

• CCTV HD/CCTV SD

Preset modes for displaying vivid images optimised for surveillance use. CCTV SD mode is the preset mode that can display low-resolution analogue videos with extra sharpness.

• Option

Preset mode that ensures the clear display of optimised general-reference images for medical applications* such as the viewing of X-rays.

Various preset modes

Menu	Mode	Application
Preset	Dynamic	For brightly lit conditions
	Standard	For living rooms
	Theatre	For viewing movie content
	Monitor	For use as a PC monitor
	Photo Pro	For viewing D-SLR photographs
	Game	For playing TV games
	Signage	For digital signage
	CCTV HD	For surveillance with HD images
	CCTV SD	For surveillance with settings via composite terminal
	Option	Medical reference monitor*
Colour Temperature	Mode 1	Brightly lit environments (approx. 13,000K)
	Mode 2	Digital signage (approx. 11,000K)
	Mode 3	Surveillance (approx. 9,300K)
	Mode 4	Medical reference (approx. 8,000K)
	Mode 5	Monitor (approx. 6,500K)
	Mode 6	D-SLR photographs (approx. 5,000K)
	Mode 7	Studio retakes (approx. 3,200K)
Gamma	Mode 1	For print images (approx. γ 1.8 equivalent)
	Mode 2	For living rooms (approx. γ 2.0 equivalent)
	Mode 3	Standard setting (approx. γ 2.2)
	Mode 4	CRT pictures (approx. γ 2.4 equivalent)
	Mode 5	Digital cinema (approx. γ 2.6 equivalent)
	Mode 6	Medical reference (GSDF compliant)
	Mode 7	Night vision, improves visibility of dark areas

Ideal for medical applications

As the monitor offers full HD resolution, it is ideal for general medical reference applications* such as viewing videos, photographs of X-rays, etc.



* For medical reference applications only, and not for diagnosis. Medical safety standards are not acquired.

Super-thin and lightweight yet tough

Thin LED edge-lighting system

To realise the GD-32X1's unique dimensions, JVC designed an original LED edge-lighting system that enables the monitor to deliver uniform levels of brightness and light efficiency, as well as superb rigidity even with its super-thin and lightweight form.

JVC's newest communication tool: A high-resolution monitor displaying enhanced stills and videos to heighten appeal wherever it is used.

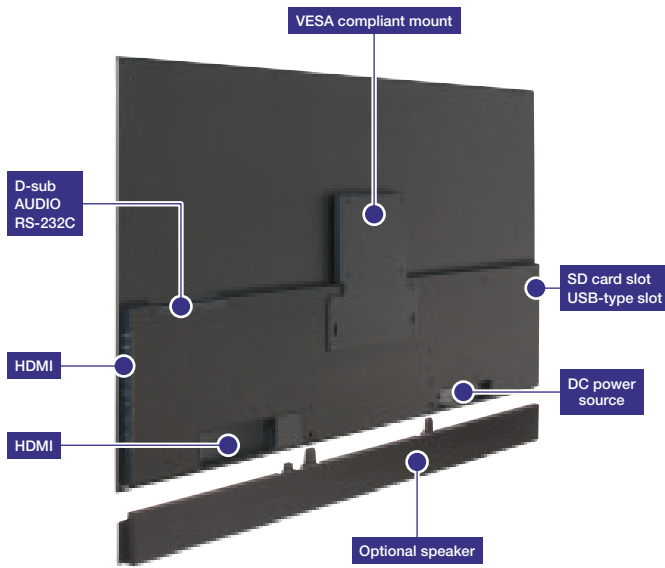
Boasting advanced technologies and a super-thin, lightweight design, the GD-32X1 is an innovative monitor that can be flexibly and conveniently positioned anywhere. Whether mounted on a wall or even hung from the ceiling, this new monitor is ideal for use in locations such as buildings for the general public, stores and shops, businesses, and academic institutions, as well as for surveillance and medical reference applications. What's more, the use of fewer material resources in manufacture helps to minimise impact on the environment.



100Hz/120Hz
ClearMotion Drive III

■ Array of input terminals

To suit various applications, the monitor is equipped with a number of connectors from HDMI to D-sub as well as USB and SD card slots to enable playback or reproduction of different sources including Blu-ray, PCs, digital photos, and HD broadcasting.



■ Terminals

Composite	PAL/50, PAL/60, SECAM, NTSC3.58, NTSC4.43, PAL M, PAL N
Component	480/60i, 576/50i, 480/60p, 576/50p, 720/60p, 720/50p, 1080/60i, 1080/50i, 1080/60p, 1080/50p, 1080/30p, 1080/24p
D-sub 15-pin	640 x 400 56.42Hz, VGA 60, VGA 72, VGA 75, WXGA 60, SVGA 60, SVGA 72, SVGA 75, XGA 60, XGA 70, XGA 75, WXGA (1280 x 768), WXGA (1360 x 768), WXGA 60 (1366 x 768), SXGA 60 (1280 x 1024), SXGA+ 60 (1400 x 1050), 1280 x 720, 1920 x 1080
HDMI	VGA 60, 480/60p, 720/60p, 1080/60i, 480/60i, 1080/60p, 576/50p, 720/50p, 1080/50i, 576/50i, 1080/50p, 1080/24p, 1080/25p, 1080/30p

■ Options for the GD-32X1



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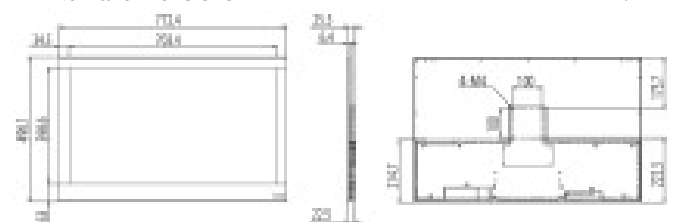
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■ Major specifications

Screen size	32-inch
Aspect ratio	16:9
Effective display area (W x H)	698.4 x 392.9mm
Number of pixels (horizontal x vertical)	1920 x 1080
Portrait viewing mode	Yes
Displayable number of colours	Approx. 1.073 billion
Viewing angle	178° (top/bottom and left/right)
Contrast ratio	4,000:1
Brightness	400cd/m ²
Panel response speed	6.5ms (G to G)
Input terminals	HDMI x 2 (CEC) Analogue RGB (using supplied conversion cable) Component/composite (using supplied conversion cable) RS-232C (using supplied conversion cable) Stereo 3.5mm diameter mini-jack
Output terminal	Audio for optional speaker
Rated audio output (JEITA)	5w + 5w (using optional speaker at 12 ohms)
Photo viewer slot	SD/SDHC card, USB-type compliant, JPEG reproduction
100Hz/120Hz Clear Motion Drive III	● (ON/OFF)
Weight	5.7kg
Dimensions (W x H x D)	772.4 x 496.1 x 22.5mm (excluding VESA mount)
Power requirements	DC28V, AC adaptor 100-240V, 50/60Hz (cable lengths: approx. 1.7m DC cable and 1.9m AC cable)
Power consumption	132W@220V 4.5A@DC28V
Medical reference use gamma setup	Gamma setup based on DICOM gray scale display function (GSDF) for medical reference
Supplied accessories	D-sub 15-pin → mini connector conversion cable Component/composite → analogue RGB conversion cable RCA pin → stereo mini plug conversion cable VESA 100 x 100mm compliant mount Infrared remote Two AAA dry-cell batteries AC adaptor 100-240V, 50/60Hz Tabletop stand
Optional accessory	Speaker unit (TS-C32SPG)

Note: The monitor can be used for general medical reference applications, however not for diagnosis. Medical safety standards are not acquired.

■ External dimensions



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