



23" Full HD 16:9 LCD Monitor  
**GD-W232**

19" WXGA 16:9 LCD Monitor  
**GD-W192**

## High Resolution 16:9 Widescreen Professional LCD Monitor with HDMI® Interface for IP Surveillance Applications



### High Resolution 16:9 Widescreen Professional LCD Monitor

The GD-W232 is a 23-inch Full HD (1920x1080 resolution) LCD monitor, while the 19-inch GD-W192 supports images up to WXGA (1366x768 resolution). Both models feature 16:9 widescreen anti-glare screens.

### HDMI® Standard Compliant

An HDMI® interface provides support for IP-based surveillance systems. Standard-compliant HDMI® also means full compatibility with HDCP.

### 3D Comb Filter

The 3D comb filter minimises video artefacts associated with composite video input, such as dot crawl, for a sharper, cleaner image, making the monitor especially suited for surveillance and monitoring applications.

### All-Metal Cabinet and Durable Design

The robust all-metal cabinet and the durable overall design of the monitor answers the needs of professional users for reliable equipment that will stand up to constant and heavy use.

- LED backlighting is energy efficient and allows for mercury-free manufacture.
- Multi-language on-screen supports English, German, French, Italian, and Spanish.
- HDMI® In x 1, Video In/Out x 2, S-Video In/Out x 1, RGB In x 1, Audio In x 1, PC Stereo In x 1
- Built-in 0.5W x 0.5W speakers
- EIA standard rack mountable (GD-W232:9U/GD-W192:7U)
- Other features
  - 16.7 million display colours
  - 1,000:1 contrast ratio
  - 250cd/m<sup>2</sup> brightness
  - Viewing angles: 170°(horizontal), 160°(vertical)
  - Automatic PAL/NTSC detection

# GD-W Series

Specifications		GD-W232	GD-W192
Display	Screen Size	23.0"	18.5"
	LCD Panel	active matrix TFT non-glare LED backlight	active matrix TFT non-glare LED backlight
	Effective Screen Size	Width : 509.1 mm Height : 286.4 mm Diagonal : 584.2 mm	Width : 409.8 mm Height : 230.4 mm Diagonal: 470.1 mm
	Resolution	1920 x 1080 pixels	1366 x 768 pixels
	Pixel Pitch	0.265 x 0.265 mm	0.300 x 0.300 mm
	Brightness	250 cd/m <sup>2</sup>	250 cd/m <sup>2</sup>
	Contrast Ratio	1000:1	1000:1
	Aspect Ratio	16:9	16:9
	Viewing Angle (H/V)	170°/160°	170°/160°
	Display Colour	1,670 (10 000)	1,670 (10 000)
	Response Time	5 ms	5 ms
	Video System	NTSC/PAL	NTSC/PAL
	Panel Lifetime	30,000 hours	30,000 hours
Dimension	Outline Dimension (w/Stand)	552 x 165 x 419 mm	448 x 182 x 367 mm
	Net Weight	6.8 kg	5.0 kg
Power	Energy Efficiency Class	C	B
	On-mode Power Consumption	33.3 W	20.7 W
	Annual Energy Consumption, based on the power consumption of the television operating 4 hours per day for 365 days. The actual energy consumption will depend on how the television is used.	49 kWh/year	30 kWh/year
	Stand-by Mode Power Consumption	0.33 W	0.33 W
	Electrical Ratings	AC 100 - 240 V (50Hz/60Hz) 1.2A	AC 100 - 240 V (50Hz/60Hz) 1.2A
Circumstance	Operating Temperature	0°C - 40°C	0°C - 40°C
	Operating Humidity	20% - 80% (non-condensing)	20% - 80% (non-condensing)
Mounts	VESA Mounts Size	100 x 100 mm (M4, 8 mm)	100 x 100 mm (M4, 8 mm)

## Terminals

### GD-W232



- 1 HDMI Input
- 2 RGB Input
- 3 AC Adaptor

### GD-W192



- 1 HDMI Input
- 2 RGB Input
- 3 AC Adaptor

### GD-W232 / GD-W192



- 4 DC 12V Power Input
- 5 PC STEREO Input
- 6 Audio 2 (AV2) Input
- 7 Audio 1 (AV1) Input
- 8 S-Video (Y/C) Output
- 9 S-Video (Y/C) Input
- 10 Video 2 Output
- 11 Video 2 Input
- 12 Video 1 Output
- 13 Video 1 Input

## Available Signals

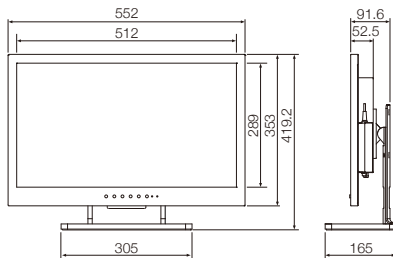
Signal Type	Frequency		Input Terminals		
	Horizontal (kHz)	Vertical (Hz)	VIDEO 1/2 /S-VIDEO	RGB	HDMI
NTSC (3.58)	15.734	59.94	●	—	—
PAL	15.625	50.0	●	—	—
VGA	31.469	59.94	—	●	—
VGA TEXT	31.469	70.00	—	●	●
SVGA	35.156	56.251	—	●	●
	37.879	60.317	—	●	●
XGA	48.363	60.004	—	●	●
	60.019	75.024	—	●	●
SXGA	63.981	60.020	—	●	●
WXGA	47.712	60.015	—	●	●
640 x 480p	—	—	—	—	●
720 x 480p	—	—	—	—	●
720 x 576p	—	—	—	—	●
1280 x 720p	—	—	—	—	●
1920 x 1080i	—	—	—	—	●
1920 x 1080p	—	—	—	—	●

● : Acceptable — : Not acceptable

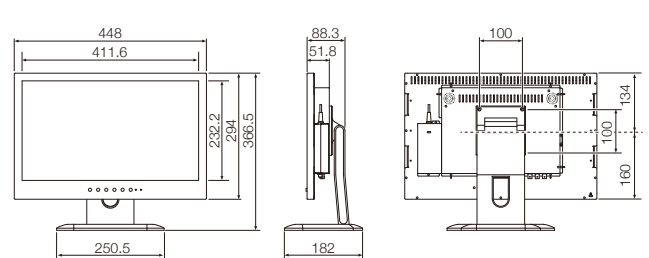
Optional Rack ■ **RK-C213D1GA** (for GD-W232)  
 ■ **RK-C19W1GA** (for GD-W192)

## External Dimensions Unit: mm

### GD-W232



### GD-W192



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