

Specifications			
Display		Display resolution	3840×2160 (1920×1080×4ch)
		Brightness	500cd/m ²
		Contrast	1200:1
Input		HD-SDI	ITU-R BT.1769 HD-SDI:8ch(Dual Link supported)
		DVI	DVI-D 4ch
Interface	Color space	Bit depth	
HD-SDI single link	YPbPr	10bit	1920x1080 59.94i 60i (up-converted to 3840x2160)
Four HDSI single links	YPbPr	10bit	1920x1080(3840x2160) 23.98p/sF 24p/sF 29.97p 30p 50i 59.94i 60i 2048x1080(4096x2160) 24p/sF 23.98p/sF
Four HDSI dual links	RGB	10bit	1920x1080(3840x2160) 23.98p/sF 24p/sF 29.97p 30p 50i 59.94i 60i
	YPbpr	10bit	1920x1080(3840x2160) 50p 59.94p 60p 2048x1080(4096x2160) 24p/sF 23.98p/sF
Four DVI	RGB	8bit	1920x1080(3840x2160) 59.94p/60p
Two dual DVI	RGB	8bit	1920x1080(3840x2160) 59.94p/60p
Other			
		AES/EBU audio	Output×3 (HD-SDI embedded audio output)
General specifications			
		Supply voltage	AC100~200V
		Power consumption	Approx.550W
		Operating temperature range	10~35°C
		Operating humidity range	30~80%RH (non-condensing)
		Dimensions	1,320(W)×780(H)×240(D)mm (including support parts for wall display)
		Weight	Approx.60kg

Base view



Standard accessories



■ Stand

■ RB-1666

Option



■ Stand

Shape, specifications etc. listed in this catalog are subject to change for the purpose of improvements without notice.

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DM-3400

4K2K 56inch LCD Monitor

Heightened Realism, a Compelling Sense of Dimension
The arrival of an LCD monitor which uses
the power of 4K2K video with ease.



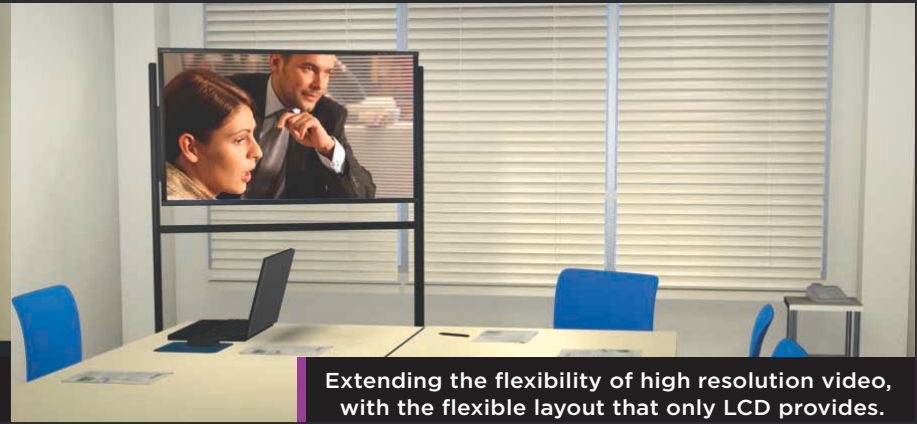
Heightened Realism,
a Compelling Sense of Dimension



Crisp footage checking at digital cinema and high resolution video production studios



High resolution footage checking at monitoring centers, broadcast studios, and other facilities.

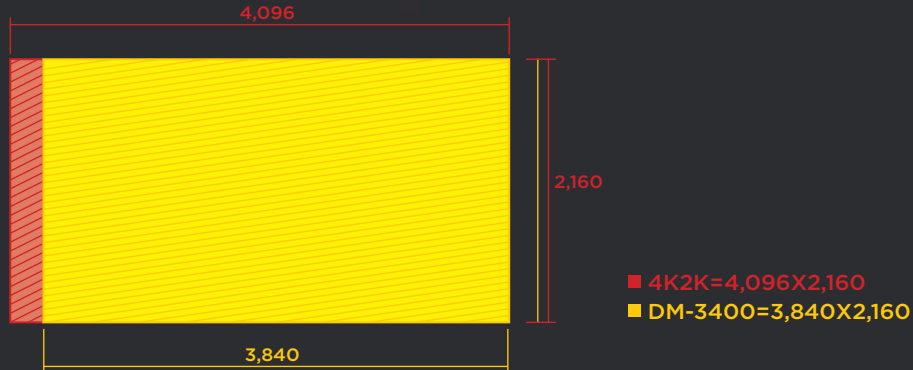


Extending the flexibility of high resolution video, with the flexible layout that only LCD provides.

Various Display Modes

Display modes

1. UP Conversion Mode 1920x1080 image is displayed with up-converted to 3840x2160
2. HD Full Resolution Quad View Mode Synchronized four HD images.
3. 4Kx2K Display Modes
 - There are four 4KX2K display modes are available.



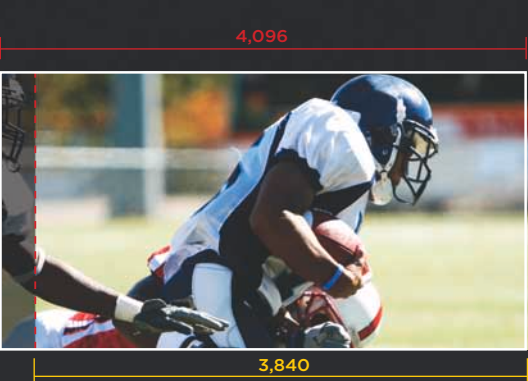
1 SIDE CROPPED (Dot by dot)



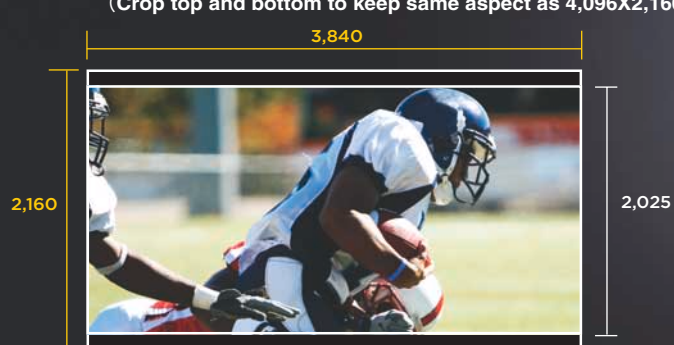
2 FAR RIGHT CROPPED (Dot by dot)



3 FAR LEFT CROPPED (Dot by dot)



4 SCALING (Crop top and bottom to keep same aspect as 4,096X2,160)



Heightened Realism, a Compelling Sense of Dimension

The arrival of an LCD monitor which uses the power of 4K2K video with ease.

Ultra High Resolution LCD Panel

The DM-3400 employs an ultra high resolution(3840X2160) LCD panel, four times that of HDTV (1920X1080). 829 million pixels are displayed condensed on to a 56-inch screen, and without the screen-door effect common to fixed pixel displays, images with a fluid texture and high resolution are displayed.

LCD Panel Main Specifications

Liquid Crystal Device Display Resolution	H:3840 X V:2160
Drive System	a-si TFT Active Matrix
Pixel Pitch	H:0.108 X V:0.324
Response Time	6.5ms
Viewing Angle	Horizontal:176° Vertical:176°
Brightness	500cd/m ²
Contrast Ratio	1200:1
Surface Coating	Low reflective coating (2% and below)

A Wide Array of Input Interfaces

The DM-3400 is equipped as standard with HD-SDI X 8 (YUV 4:2:2, RGB 4:4:4) and DVI-I X 4 (for digital signals only) input interfaces. It is also equipped with AES/EBU interface that can output demultiplexed embedded audio.

4K2K Format, Multi-Rate Support

The DM-3400 displays not only ITU-R BT.1769 compliant 3840 X 2160 video dot-by-dot, but also supports the digital cinema global standard "4K" (4096 X 2160) promoted by the Digital Cinema Initiative (DCI), which is made up of Hollywood film studio members. In addition, it supports multi-rate (60p, 60i, 24p etc.), detect field (frame) frequency and 1/1.001 automatically.

High Brightness, High Contrast

The DM-3400 delivers a high brightness of 500cd/m² and a high contrast ratio of 1200:1, so it is possible to see clear image without darkening the surroundings. The DM-3400 displays crisp 4K images in a variety of situations such as production sites including studios, in showrooms, and in meeting rooms.

