



# Digital Signage Display Monitor - Close Frame

## DGM-SX419362



### Overview:

The DGM-SX419362 is a professional digital signage display monitor which integrates new generation of digital media processor and a high quality LCD panel together. The onboard Digital Media Processor is a new generation of high performance audio / photo / video decoder for playback of high definition and high resolution photos, high quality music, and high bitrate videos.

The DGM-SX419362 is perfect to solve the headache for retailers on old paper poster and eliminate the cost of print. It's 10 times eye-contact catching than traditional static signs. With continual information functions, this product is well-suited for today's business environment such as transportation center, school, sports arenas, trade show, banking industry ...etc.

### Specifications:

#### Digital Media Processor

High performance audio / photo / video engine  
 HD component output for 720P JPEG display  
 Scaler for video up-conversion to 720P  
 Pixel adaptive de-interlacer  
 2 channel stereo audio DAC

#### Storage Device Interface

Dual USB 2.0 host ports  
 1 Compact Flash II socket  
 1 IDE 44-pin connector for IDE hard disk (Optional)

#### Dual Audio Speakers

#### High Quality Genesis Display Controller

#### Playable Format Support

JPEG, TIFF, BMP  
 MP3 audio  
 MPEG1, MPEG2, MPEG4 SP, MPEG4 ASP, Divx 3.X/4.X/5.X

#### IR Remote Control

Multi-button control for operation of media player

#### Mechanical Characteristic

Dimension (L x W x H): TBD  
 Weight: TBD  
 Color: Black

#### Touch Screen Characteristic (Optional)

Five Wire Analog Resistive Touch Screen

#### Resolution & Display Color

Display Color : 16.2M colors  
 SXGA 1280 x 1024 @ 60HZ, 70HZ, 75HZ  
 XGA 1024 x 768 @ 60HZ, 70HZ, 75HZ  
 SVGA 800 x 600 @ 60HZ, 70HZ, 75HZ  
 VGA 640 x 480 @ 60HZ, 70HZ, 75HZ

#### Power

Power Adapter: 60W  
 AC Input Voltage: 90VAC to 264VAC  
 AC Input Frequency: 50/60 HZ  
 Max. Load Current: 5A

#### Architecture

SECC steel (Optional for aluminum)  
 Standard VESA mounting holes (75 / 100mm)

#### Content Playback Table

The following table describes the media playable format DGM-SX419362 supports.

Content / Card	Minimum	Maximum	MS / Pro	MMC	SD	XD	CF	HDD
JPEG, TIFF, BMP	16x16	5120x3840	YES	YES	YES	YES	YES	YES
MP3	32K bps	256K bps	YES	YES	YES	YES	YES	YES
MPEG1			YES	YES	YES	YES	YES	YES
MPEG4 SP		QVGA/CIF	YES	YES	YES	YES	YES	YES
MPEG4 ASP		D1	NO	NO	<100KB	<100KB	<250KB	YES
Divx 3.x/4.x/5.x		D1	NO	NO	<100KB	<100KB	<250KB	YES
MPEG2		D1	NO	NO	NO	NO	NO	YES

#### Panel Specifications

Item	Specification	Unit
1	Diagonal Size	19.0
2	Active Area	376.32(H) x 301.056(V)
3	Bezel Opening Area	380.2(H) x 305(V)
4	Driver Element	a-si TFT active matrix
5	Pixel Number	1280 x R.G.B. x 1024
6	Pixel Pitch	0.294(H) x 0.294(V)
7	Display Color	16.2M
8	Center Luminance of White	300
9	Contrast Ratio	700
10	Response Time	TR=2, TF=6
11	Viewing Angle	75/70 (H & V)
12	Backlight MTBF	40,000
13	Panel Type	TFT Active
14	Storage Temperature	-20 ~ 60
15	Operation Temperature	0 ~ 50

### Ordering Information:

- DGM-SX419362 (Industrial close frame signage monitor, SECC steel, 19.0", SXGA, CF-II, 300 nits, 16.7M colors)
- DGMS-SX4193621 (Industrial close frame signage monitor, SECC steel, 19.0", 5-Wire R\_Touch, SXGA, CF-II, 300 nits, 16.7M colors)

### Spectrah Dynamics, Inc.

Tel: 886-2-86472026 | Fax: 886-2-86472201 | E-mail: spec\_info@spectrah.com  
 Add: 5F-2, No. 188, Sec #3, Ta-tung Road, Hsi-Chi, Taipei Hsien 221, Taiwan.

[www.spectrah.com](http://www.spectrah.com)