



Digital Signage Display Monitor - Open Frame

DG-SX419360



Overview:

The DG-SX419360 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 DG-SX419360 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 for CF-II card
 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: Zinc coating

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)
 Four versatile mounting brackets

Content Playback Table

The following table describes the media playable format DG-SX419360 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	inch
2	Active Area	376.32(H) x 301.056(V)	mm
3	Bezel Opening Area	380.2(H) x 305(V)	mm
4	Driver Element	a-si TFT active matrix	-
5	Pixel Number	1280 x R.G.B. x 1024	pixel
6	Pixel Pitch	0.294(H) x 0.294(V)	mm
7	Display Color	16.2M	color
8	Center Luminance of White	300	nit
9	Contrast Ratio	700	-
10	Response Time	TR=2, TF=6	ms
11	Viewing Angle	75/70 (H & V)	degree
12	Backlight MTBF	40,000	hour
13	Panel Type	TFT Active	-
14	Storage Temperature	-20 ~ 60	°C
15	Operation Temperature	0 ~ 50	°C

Ordering Information:

- DG-SX419360 (Open frame, Dual USB 2.0 host ports, 1 Compact Flash II socket)
- DGS-SX4193601 (Open frame, Dual USB 2.0 host ports, 1 Compact Flash II socket, 1 IDE 44-pin hard disk)

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