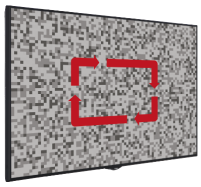
Digital Signage

EA32C-1D | EA32F-1D

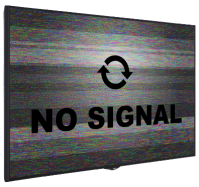
Key Features

We have made it easy to give any HTML5-based application link to the display within the SoC software. Upon this, the display will start with the given link. The application can either be an offline or an online application, allowing the customers to execute their own application.

It is made available to set any Source on startup of the display. It can also be switched on any other signal source using scheduler and failover scenarios. This lets the users to freely control the process of their requirements allowing best user experience.



Pixel Shifting is designed to be activated inside the SoC in order to prevent for potential risk of image sticking, caused by constant content. With this feature turned on, pixels on the screen will move in an interval while causing no interference of visual experience.



Our SoC Software has a protection for "No Signal" scenario. If the USB is unplugged after your content is set to be displayed with USB, the display will either show your customized banner or search for any other signal from other sources (HDMI, Display Port, etc.). This failover protection is constructed for higher user experience.

Digital Signage Monitor Software allows many important features such as Scheduler. Scheduler sets your display turn on/off time easily and lets you not to worry about the status of your displays in any time.

Digital Signage Display SoC enables the users to control our displays using RS232 commands in a Local Area Network. Together with the full RS232 command list you can change/set volume, turn on/off the monitor, set a schedule for content display, set a webpage link to be displayed and give a wide range of commands in real-time.

Display

Screen Size	32"
Panel Technology	FSA (VA)
Backlight Type	Direct-Type LED
Brightness (typical)	350 cd/m²
Native Resolution	1920 x 1080 (16:9) - FHD
Contrast Ratio (typical)	3000:1
Dynamic Constrast Ratio	35000:1
Response Time (typical)	8.5 ms
Active Area (H x V)	698.40 x 392.85 mm
Viewing Angle	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10
Color Value	16.7M (8bits)
Screen Treatment	3H
Haze Level	0,03
Refresh Rate	60 Hz
Orientation	Landscape
Operation Hours	16/7
Area of Usage	Indoor

Built-in System

Mainboard Model	17MB130VS
Operating System	Linux (HTML5 based app support)
Wired	10/100 Mbps
WiFi	WiFi 4 (802.11 a/b/g/n)
Bluetooth	NA

Rear I/Os

RGB Input	N/A
RGB Output	N/A
Video Input	1xHDMI2.0, 2xUSB2.0, DP1.2a
Video Output	DP1.2a
Audio Input	N/A
Audio Output	Headphone
External Control	RS232(DE-9F), Ethernet(RJ45), Service(RJ12)
External Sensor	RJ12

Mechanical

Product Dimensions (WxDxH)	734 x 78 x 435 mm
Package Dimensions (WxDxH)	795 x 128 x 530 mm
Product Weight	TBD
Package Weight	TBD
Vesa Mounting	75 x 75 mm M4
Bezel Width	B:21 | T/ L/R:14 mm

Environmental Conditions

Operating Temperature	0-40°C
Operating Humidity	10-90%

Power

Power Supply	170 VAC - 240 VAC - 50/60 Hz

Power Consumption

Typical	42 W
Maximum	65 W
Deep Standby	≤0.5 W

Features

Mechanical Features	Joystick, IR Extender or Embedded IR Support Options, Rocker Switch, Detachable power cable(Class 2), Logo on bezel only horizontal
Speaker	2 x 6 W

Certification

Safety	YES
EMC	YES
CE	YES