QP49B/4H

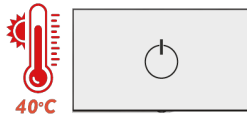**VESTEL**

49" Ultra Narrow Bezel

Key Features

Embedded CMS

The embedded content management system allows easy access to your playback library, templates and scheduler.Using simple and intuitive menus and layout options, it allows easy content management for small enterprises.

Brightness Scheduler

Customization of a range of brightness levels via manual setup without any sensor requirement is made available using the brightness scheduling feature. The feature also helps to decrease the energy expenses while saving the environment and extending the life of the monitor.

Temperature Control

Temperature control allows you to set an internal temperature limit for the display. The monitoring system will ensure the display is shutdown when that temperature is reached. You can also receive this temperature information through RS232 or SNMP for monitoring on external systems.

Sensor Support

With the support of external sensors, as temperature, proximity and ambient light, you can observe what is happening around your screens. This can help you to make screens work efficiently and safely for energy saving and error prevention when temperature gets too high.
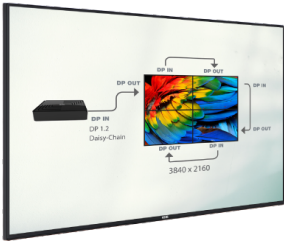
Subtle Design

This series' displays exhibit ultra narrow bezel design eliminating the visual superfluities, directing audience focus on your advertised content. This series is found to be desirable for digital signage specific design: internal usb cover, OPS-slot, detachable power plug, carrying handles and IR extender.

Built-in Connectivity

This series features wired and wireless connectivity such as embedded WiFi and Bluetooth. Due to the wireless capabilities, the displays can easily gather its content without any external device. Moreover, WiFi allows screen sharing to be enjoyed with Miracast.

Features

Daisy Chain

The display can mirror the content (to another display) into its display port out coming from its display port in. This set up creates a daisy chain like structure allowing for monitors to be set up as Video Wall mode.

Display Control

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.

External Device Connections

You may want to connect your teleconference system, screen sharing system, set-top box or external PCs via HDMI port. For this purposes, our monitors help you to maximize user experience with HDMI CEC (Consumer Electronics Control) and HDMI Hotplug capabilities.

Scheduler

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.
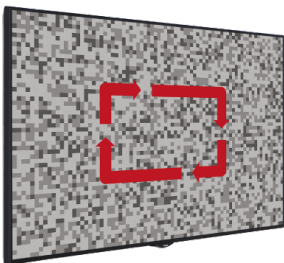
Signal Failover

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.

Operation Time Support

Professional Panels used with this series are quality confirmed to operate 24 hours a day without any issues. Upon this, the series come with 700 Nits brightness levels suitable for medial indoor environment.

Pixel Shifting

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.

Usb Auto-Play

You will be able to show photo and video content automatically with USB Auto-play feature. SoC software gives you a choice to turn on USB auto-play function making it easy for end-users to show any media on the screen and not worry about anything else.

Source Switching

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.

Auto Launch

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.

Usb Security

This series lets your USB and your content to be secured within the back cover of the display. The cover is protected with a screw not allowing any outside intervention.

OPS Support

All our products in this series have compliance with OPS (Open Pluggable Standard). OPS will empower your screens with enhanced processing power and ability to choose Windows or Android as your operating system to fit your specific application.

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VESTEL

PANEL

Screen Size	49"
Backlight Type	Edge-Type LED
Brightness (typical)	700 cd/m²
Native Resolution	1920 x 1080 (16:9) - FHD
Contrast Ratio (typical)	1000:1
Dynamic Constrast Ratio	70000:1
Panel Life Time (Min.)	50000 Hrs
Response Time (typical)	6 ms
Active Area (H x V)	1074 x 604 mm
Pixel Pitch (H x V)	0.5593 x 0.5593 mm
PPI (pixel per inch)	45
Viewing Angle	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10
Color Value	16.7 M (8-bit)
Screen Treatment	3H
Haze Level	1%
Refresh Rate	60 Hz
Front Type	Ultra Narrow Bezel
Orientation	Horizontal/ Vertical
Operation Hours	24/7
Area of Usage	Indoor

MONITOR CONNECTIVITY

RGB Input	VGA(DE-15F)
RGB Output	N/A
Video Input	4xHDMI2.0, 2xUSB2.0
Video Output	HDMI2.0
Audio Input	Line In L/R
Audio Output	Headphone, Optic SPDIF
External Control	RS232(DE-9F), Ethernet(RJ45), Service(RJ12)
External Sensor	RJ12

ENVIRONMENTAL CONDITIONS

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

POWER CONSUMPTION

Typical	85 W – subject to change
Deep Standby	≤0.5 W

ACCESSORY

Standard	QSG, IB, Power Cord, Remote Control Unit, RC Battery, Mounting Kit, Extension Brackets

MAINBOARD

Mainboard Model	17MB135VS

MECHANICAL

Product Dimensions (WxDxH)	1099 x 63 x 632 mm
Package Dimensions (WxDxH)	TBD x TBD x TBD mm
Product Weight	16 kg – subject to change
Package Weight	20 kg – subject to change
Vesa Mounting	200 x 200 mm
Bezel Width	B:13,1	T:9,3	L/R:9,3 mm

POWER

Power Supply	110 VAC - 240 VAC - 50/60 Hz

FEATURES

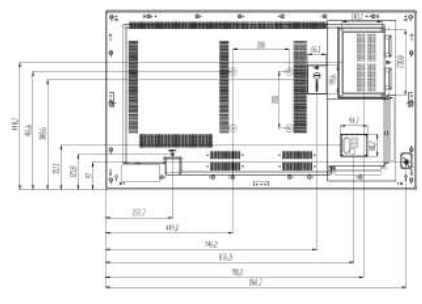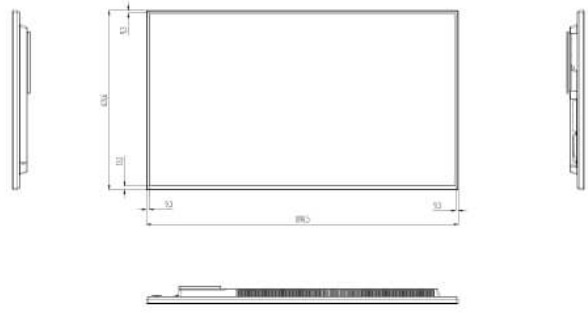|	
Main Features	Open Content Management Support, Scheduler, USB-Autoplay, Auto-Launch, HDMI-CEC, HDMI-Wakeup, Auto-switch on Failover, Panel Lock, OSD Rotation, NoSignalPowerOff, Screen Saver, Pixel shift, Scheduler, Videowall support, remote control via LAN, Real Time Clock
Mechanical Features	Joystick, Cable Holder, OPS Compatible, SDM Support, Internal USB Cover, Detachable Power Plug
Speaker	2 x 10 W

CERTIFICATION

Safety	YES
EMC	YES
CE	YES

WITHOUT OPS

WITH OPS

MODEL 49592 VS	DIMENSIONS (mm)		
	WIDTH mm	DEPTH mm	HEIGHT mm
PRODUCT	1099	63	632
PACKAGING	TBD	TBD	TBD

ACTIVE CELL DIMENSIONS