Digital Signage Displays
EL32G-2H

VESTEL

Key Features

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.
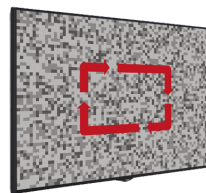
External Device Connections
You may want to connect your teleconference system, screen sharing system, set-top box or external PCs via HDMI port. For this purposes, our monitors help you to maximize user experience with HDMI CEC (Consumer Electronics Control) and HDMI Hotplug capabilities.
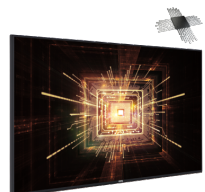
Open Platform Support
Our SoC supports API (Application Programming Interface) for solution providers/integrators to develop and integrate any HTML5-based to be installed and used on our displays.

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.

SoC Content Management
With quad core SoC (System on Chip), this Series displays are the digital signage monitors for both offline designed content and cloud-based managed content. This helps your digital content to be displayed in the displays by content management systems.

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.

Panel

Screen Size	32"	Panel Technology	VA
Backlight Type	DLED	Brightness (typical)	450 cd/m²
Native Resolution	1920 x 1080 (16:9) - FHD	Contrast Ratio (typical)	3000:1 (typ.)
Dynamic Contrast Ratio	35000:1	Panel Life Time (Min.)	50000 Hrs
Response Time (typical)	9.5 ms	Active Area (H x V)	698.40 x 392.8 mm
Viewing Angle	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10	Color Value	16.7M
Color Gamut	68% NTSC	Haze Level	3%
Refresh Rate	60 Hz	Orientation	Landscape / Portrait
Operation Hours	24/7	Area of Usage	Indoor

Built-in System

Mainboard Model	17MB450VS	Operating System	Custom OS (built on Android AOSP)
Memory	2 GB DDR4	Storage	16 GB eMMC
CPU	Quad-Core ARM Cortex-A55	GPU	ARM Mali-G31 MP2
Wired	10/100 Mbps Ethernet	WiFi	WiFi 5 (802.11 a/b/g/n/ac)
HTML5 Browser	Vewd		

Monitor Connectivity

Video Input	2xHDMI2.0, 1xUSB-A 3.0, 1xUSB-A 2.0	Video Output	1xHDMI2.0
External Control	RS232 (3.5mm jack green), Fast Ethernet (RJ45), Service (RJ12)		

Mechanical

Product Dimensions (WxDxH)	734 x 78 x 435 mm	Package Dimensions (WxDxH)	795 x 128 x 530 mm
Product Weight	4.5 kg	Package Weight	6 kg
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	32 W	Maximum	65 W
Deep Standby	≤0.5 W		

Features

Main Features	HTML5 CMS Launcher, Android CMS Launcher, Open Content Management Support, Scheduler, USB-Autoplay, Auto-Launch, HDMI-CEC, HDMI-Wakeup, Auto-switch on Failover, Panel Lock, OSD and UI Rotation, Video Rotation, NoSignalPowerOff, Pixel shift, Scheduler, Videowall support, Remote control via LAN, Real Time Clock, SNMP	Mechanical Features	Joystick, Fixed IR lens, Rocker Switch, Detachable Power Cable
Speaker	2x6 W		

Accessory

Standard	QSG, IB, Power cord, Remote control unit, RC battery, Mounting kit, IR extender cable

Certification

Safety	Yes	EMC	Yes
CE	Yes		