Digital Signage Displays
XE86D-4H

VESTEL

Key Features

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.

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.

Pixel Shifting
The Pixel Shifting feature can be activated in order to reduce the potential risk of image sticking when static content is displayed over long periods of time. The feature periodically shifts the image on the display, without causing any interference of the visual experience.

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.

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.

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.

Panel

Screen Size	86"	Panel Technology	IPS
Backlight Type	DLED	Brightness (typical)	400 cd/m²
Native Resolution	3840 x 2160 (16:9) - UHD	Contrast Ratio (typical)	1200:1 (typ.)
Dynamic Contrast Ratio	40000:1	Panel Life Time (Min.)	50000 Hrs
Response Time (typical)	8 ms	Active Area (H x V)	1895 (H) x 1066 (V) mm
Viewing Angle	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10	Color Value	1.07G (8bits + FRC)
Color Gamut	72% NTSC	Haze Level	25%
Refresh Rate	60 Hz	Orientation	Landscape-Portrait
Operation Hours	24/7	Area of Usage	Indoor

Built-in System

Mainboard Model	17MB400VS	Operating System	Custom OS (built on Android AOSP)
Memory	2 GB DDR4	Storage	16 GB eMMC
Additional Storage	Micro SD (up to 1TB)	CPU	Quad-Core ARM Cortex-A55
GPU	ARM Mali-G31 MP2	Wired	10/100/1000 Mbps Ethernet, IEEE 802.1X Authentication
WiFi	WiFi 5 (802.11 a/b/g/n/ac), IEEE 802.1X Authentication	Bluetooth	BT 5.1
HTML5 Browser	Vewd	Wireless Display	Miracast

Monitor Connectivity

Video Input	4xHDMI2.0, 1xUSB-A 3.0, 1xUSB-A 2.0	Video Output	1xHDMI2.0
Audio Output	Headphone, Optic SPDIF	External Control	RS232 (3.5mm jack green), Fast Ethernet (RJ45), Service (RJ12)
External Sensor	RJ12		

Mechanical

Product Dimensions (WxDxH)	1962 x 79 x 1133 mm	Package Dimensions (WxDxH)	2163 x 380 x 1490 mm
Product Weight	62 kg	Package Weight	83 kg
Vesa Mounting	800 (W) x 600 (H) mm M8	Bezel Width	B/T/L/R: 25 mm

Environmental Conditions

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

Power

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

Power Consumption

Typical	214W	Maximum	400 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 Keyboard, Rocker Switch, Detachable Power Cable
Speaker	2x12 W		

Accessory

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

Certification

Safety	Yes	EMC	Yes
CE	Yes		