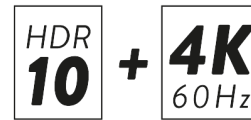## 55" Value Signage Display

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.

URL Startup

Along with multiple start up options, it is possible to add a specific URL which will be opened automatically when the browser is launched, or the display is switched on.

DAP (Dolby Audio Processing) Technology

Our displays provides a comprehensive sound performance by using Dolby's latest technology DAP. With embedded DAP Technology, superior sound performance achieves by intelligent audio equalizing, dialog enhancements and surround sound upmixing.

HDR10 & 4K HDMI @60Hz

Displays supporting HDR10 allows HDR based content to be shown, giving a brighter and more dynamic picture. This is further enhanced due to the support of 4K 60Hz, allowing ultra sharp, smooth Video content to be presented.
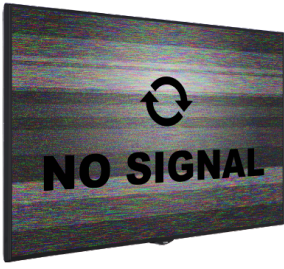

Display Control

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.

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.
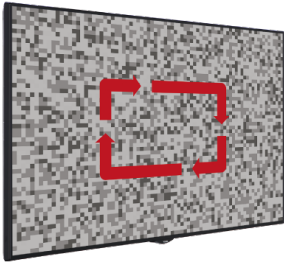
Features

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 16 hours a day without any issues. Upon this, the series come with 350 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.

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.

VESTEL

PANEL

Screen Size	55"
Panel Technology	Edge-Type LED
Brightness (typical)	350 cd/m²
Native Resolution	3840 x 2160 (16:9) - UHD
Contrast Ratio (typical)	1200:1
Dynamic Constrast Ratio	35000:1
Panel Life Time (Min.)	50000 Hrs
Response Time (typical)	8 ms
Active Area (H x V)	1210 x 680 mm
Pixel Pitch (H x V)	0.3150 x 0.3150 mm
PPI (pixel per inch)	81
Viewing Angle	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10
Color Value	1.07 B (10-bit)
Screen Treatment	2H
Haze Level	3%
Refresh Rate	60 Hz
Front Type	Ultra Narrow Bezel
Orientation	Horizontal
Operation Hours	16/7
Area of Usage	Indoor

MAINBOARD

Mainboard Model	17MB135VS

MONITOR CONNECTIVITY

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

MECHANICAL

Product Dimensions (WxDxH)	1236 x 56 x 712 mm
Package Dimensions (WxDxH)	1369 x 145 x 874 mm
Product Weight	17 kg – subject to change
Package Weight	20 kg – subject to change
Vesa Mounting	400 x 200 mm
Bezel Width	B:16	T:10	L/R:10 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	100 W – subject to change
Deep Standby	≤0.5 W

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
Speaker	2 x 10 W

ACCESSORY

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

CERTIFICATION

Safety	YES
EMC	YES
CE	YES

MODEL 55405 VS	DIMENSIONS (mm)		
	WIDTH mm	DEPTH mm	HEIGHT mm
PRODUCT	1236	56	712
PACKAGING	1369	145	874

ACTIVE CELL DIMENSIONS

TOLERANCES	K	NAME: 55405 VS		REV: R01
0.00/50.00	±0.10	CREATED : SAIM BENLI	DATE: 29.07.2019	
50.01/100.00	±0.30	LAST REV. : SAIM BENLI	SHEET: 1 / 1	
100.01/250.00	±0.50	CHECK : Hakan KOYUNCUOGLU	SCALE : 1	
250.01/500.00	±0.75	APPRV. : Deniz ÇETINYUREK		UNIT mm
500.01/1000.00	±1.00			
1000.01/2500.00	±1.50	VESTEL	VESTEL ELECTRONICS / DIGITAL PRODUCTS OPERATIONS MANISA/TURKIYE	
ANGLES	±1.5°		TEL:+90.236.2133660 FAX:+90.236.2130510	