PROFESSIONAL DISPLAYS

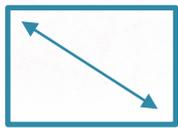**164-7540** **High Brightness 75'' professional display**

KIMEX

CRESTRON CONNECTED

Crestron Connected certification complements KIMEXs presence with inside the corporate, retail, government, better training and hospitality markets, all of which use expert AV controls. As those sectors hold to evolve with growing necessities for simple-to-use merchandise, seamless integration, dependable answers and community connectivity.

| 75" | 24/7 | 4K UHD | 600 cd/m² |

FEATURES

> Signal relay
Our screens have "no signal" protection. If the source is disconnected, the screen will display your personalised banner or will search for any other signal from video sources. Since a blank screen is the worst case scenario for advertising, switching is one of the essential features of our signage screens.

> Screen control
Our integrated SoC (System on a Chip) allows users to control our screens by RS232 link in a local network. You can alter/adjust the volume, activate/deactivate the monitor, schedule the display of content, define an internet link to display or even send a wide choice of commands in real time.

> Programmer
The built-in planner is one of the many useful features included. The planner allows you to plan daily routines when the screen is on or off, as well as the selection of different sources or USB playlists.

> Pixel Shifting
The Pixel Shifting function can be activated to reduce the potential risk of the image freezing when static content is displayed over long periods of time. The function periodically shifts the image on the screen, without interfering with the viewing experience.

> Connection of External Devices

All of our monitors are equipped with HDMI CEC (Consumer Electronics Control) sockets to provide you with maximum convenience when using them. With a single move, you can set up and control your video-conferencing, screen sharing or external PC systems connected to the HDMI port.

> Securing the USB support

A screw-on protective cover (located on the back of the device) protects the USB key, broadcasting content to the screen, from any malicious tampering.

> USB Auto Play

Our integrated SoC gives you the option of activating the USB Auto Play function, allowing you to automatically display photo or video content from your USB drive on the screen with no need to worry about anything else.

> Mini PC format OPS (Open Pluggable Standard)

All products in this series comply with OPS (Open Pluggable Standard). Our OPS (pluggable mini pc) will allow you to optimise your displays with improved processing power and the ability to choose Windows or Android as the operating system to suit your specific application.

> Slim design

The screens in this series have an ultra-slim bezel, leaving plenty of room for the content displayed on the screen to attract the attention of your audience. This series also offers the shallowest depth of all of our Professional Display Solutions.

> SoC content management

Our integrated quad-core SoC has great computing power, giving you faster and more fluid management of the content to be displayed whether it is online or offline.

> Open Platform

Our integrated SoC supports Application Programming Interfaces (API) to allow integrators/ Solution Providers to develop any application based on the HTML 5 data format and easily use them on our screens.

> Screen linking

This monitor can broadcast the content received (to other screens) by using the video inputs/outputs of the screens connected to it. This configuration makes it possible to create a serial connection and to use our monitors as video image walls.
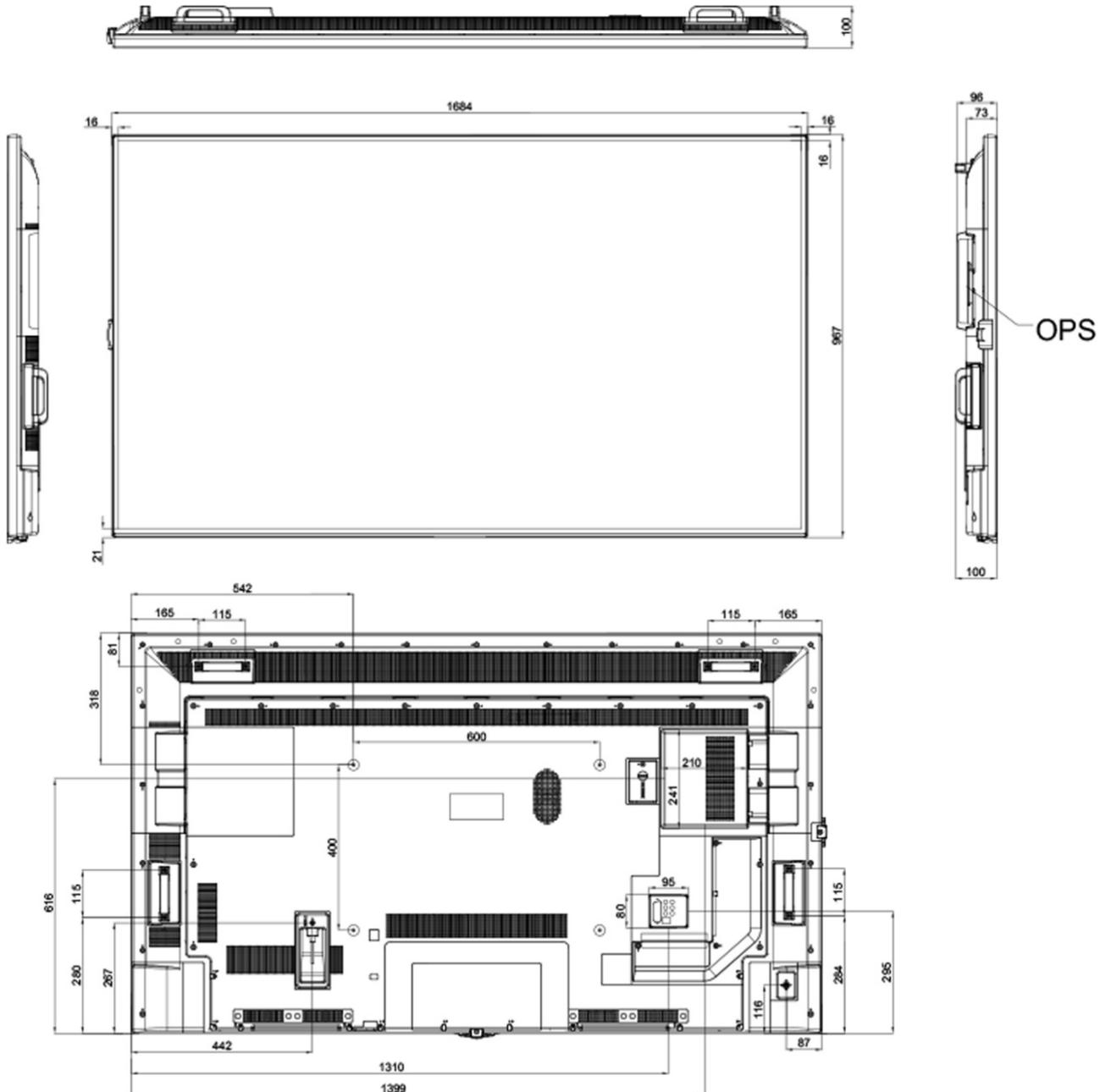
> HDR10 & 4K HDMI @60Hz

Screens supporting HDR10 allow HDR-based content to be displayed, resulting in a brighter and more dynamic image. This is further enhanced with support of 4K 60Hz, allowing the presentation of super crisp, fluid video content.

Technical specifications

Use	24/7
Size	75''
Resolution	4K UHD
Brightness	600 cd/m²
LED technology	Direct LED
Bezel	B:21 | T:16 | L/R:16
Depth	100 mm
VESA	600x400 mm
Portrait mode	Yes
Haze level	3%
Frame	Metal
Interface	HDMI2.0/VGA/USB/RS232/RJ45/RJ12/ IR/HP/Audio/Speaker/Dp1.2a

DIMENSIONS

kimex

DATA SHEET

DISPLAY	
Size	75"
Screen Technology	IPS
Backlight type	Direct-Type LED
Brightness	600 cd/m²
Resolution	3840 x 2160 (16:9) – UHD + HDR10
Contrast ratio	1200:1
Dynamic contrast ratio	40000:1
Display life (min.)	50000 hrs
Response time	8 ms
Active area (H x V)	1650 x 928 mm
Pixel pitch (H x V)	0.429 x 0.429 mm
PPI (pixels per inch)	59
Viewing angle	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10
Colour value	1.07 B (10-bit)
Screen treatment	2 H
Haze level	3%
Refresh rate	60Hz
Front type	Ultra Narrow Bezel
Orientation	Portrait / Landscape
Operation hours	24/7
Areas of usage	Indoor

MONITOR CONNECTIVITY	
RGB input	VGA(DE-15F)
RGB output	N/A
Video input	4xHDMI2.0, 2xUSB2.0, USB2.0(Internal), 1xDp1.2a
Video output	HDMI2.0, DP1.2a
Audio input	Line In L/R
Audio output	Headphones, Optic SPDIF
External control	RS232(DE-9F), Ethernet(RJ45), Service(RJ12)
External Sensor	RJ12

OPERATING CONDITIONS	
Temperature conditions	0-40°C
Humidity	10-90%

ENERGY CONSUMPTION	
Typical	223 W
Deep Standby	≤0.5W

ACCESSORIES	
Standard	QSG, IB, Power Cord, Remote Control, RC Battery, Mounting Kit, Extension Brackets, IR Extender Cable

MAINBOARD	
Mainboard template	17MB135VS

MECHANISM	
Product dimensions	1684 x 100 x 967 mm
Packaging dimensions	1948 x 210 x 1170 mm
Product weight	37.2 kg
Weight with packaging	50.2 kg
VESA	600 x 400 mm - M6
Bezel	B:21	T:16	L/R:16 mm

POWER	
Power supply	110 VAC - 240 VAC - 50/60 Hz

SPECIFICATIONS	
Main specifications	Open Content Management Support, Scheduler, USB-Autoplay, Auto-Launch, HDMI-CEC, HDMI-Wakeup, Auto-switch on Failover, Panel Lock, OSD Rotation, NoSignalPowerOff, ScreenSaver, Pixel shift, Scheduler, Video wall support, remote control via LAN, Real Time Clock
Mechanical specifications	Joystick, IR Extender Support, Rocker Switch, Detachable power cable, Carrying slots, Detachable logo positioning, Internal USB cover, Cable Holder
Optional features	OPS Compliance, IR Overlay Touch Compliance
Speakers	2 x 12 W

SECURITY	
Security	Yes
EMC certification	Yes
CE mark	Yes