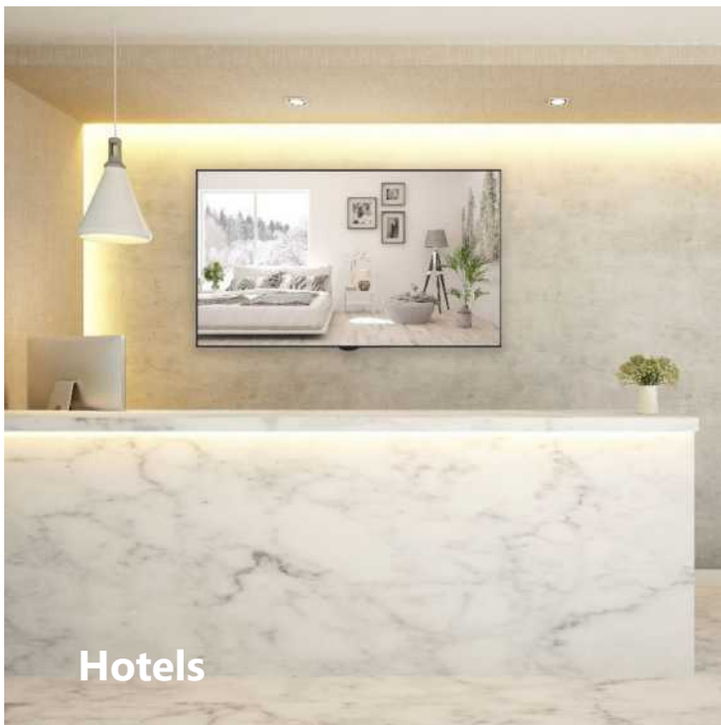
Kimex

Professional Displays

KIMEX PROFESSIONAL MONITORS

Designed for your dynamic displays

“ With ultra-slim edges, ever sleeker design, integrated media player and colour management, KIMEX dynamic displays offer you solutions for every situation. Whether for use in offices, information terminals, reception areas, screens, video walls or even for outdoor-facing displays, KIMEX professional screens offer a wide range of installation options.



OVERVIEW

	32''	43''	50''	55''	65''	75''
200 cd/m² HD	**167-3200** p. 10					
200 cd/m² FULL HD	**167-3210** p. 14	**167-4300** p. 12				
200 cd/m² UHD 4K		**167-4310** p. 16				
350 cd/m² 16/7 FULL HD	**163-3235** p. 18					
350 cd/m² 16/7 4K		**163-4335** p. 24		**163-5541** p. 24		
400 cd/m² 16/7 4K					**163-6540** p. 26	**163-7540** p. 26
450 cd/m² 24/7 FULL HD	**164-3245** p. 18					
500 cd/m² 24/7 4K					**164-6551** p. 32	
600 cd/m² 24/7 4K						**164-7540** p. 36
700 cd/m² 24/7 4K		**164-4370** p. 40	**164-5070** p. 40	**164-5570** p. 40		
2500 cd/m² 16/7 FULL HD				**164-5525** p.48		

KIMEX SUPPORTS YOU IN YOUR DYNAMIC DISPLAY PROJECTS

At first glance, dynamic display screens look a lot like the high-tech TVs in our living rooms. However, they are designed to meet very specific needs in much more demanding conditions. Colour management, image quality, brightness, integrated media player, outdoors or indoors... the choice of a dynamic display screen can sometimes be a real challenge for users who are not familiar with the technological details specific to this market segment. KIMEX will advise and support you in your choice of professional monitors.

DISPLAYS THAT MEET YOUR NEEDS

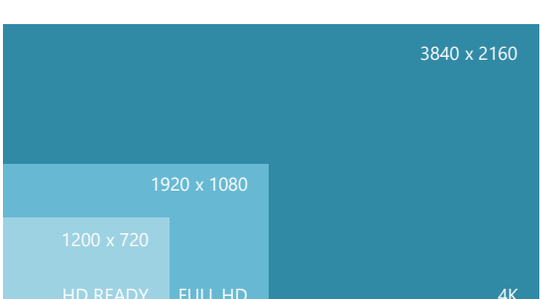
Brightness

The choice of brightness will depend on where you want to install your professional monitors. The intensity of the light in your monitor will depend on the surrounding lighting. Below, you will find an overview of the different light intensities according to uses. If you are still unsure or have any questions, please feel free to ask our sales department for advice.

Light Intensity	Use
Approx. 350-450 cd/m²	Normal lighting environment. Places where you can control the lighting.
500 cd/m²	Very brightly lit environment. Places with a lit interior without control of the lighting.
700–1000 cd/m²	Very bright environment. For example: Reception areas, shopping centres, outside-facing windows (but not in direct sunlight).
2500 cd/m²	Extremely bright environment. For example: outdoor-facing windows in full sun.

Use

Regarding the time of use, there are 2 types of professional dynamic display monitors: 16/7 and 24/7. 16/7 monitors are designed to operate 16 hours a day, 7 days a week, which corresponds to the maximum opening hours of many stores and businesses. The display can therefore operate every day, including weekends and public holidays and be switched off at night. 24/7 can operate continuously 24/7. Indispensable when the display must remain on at night.



Resolution

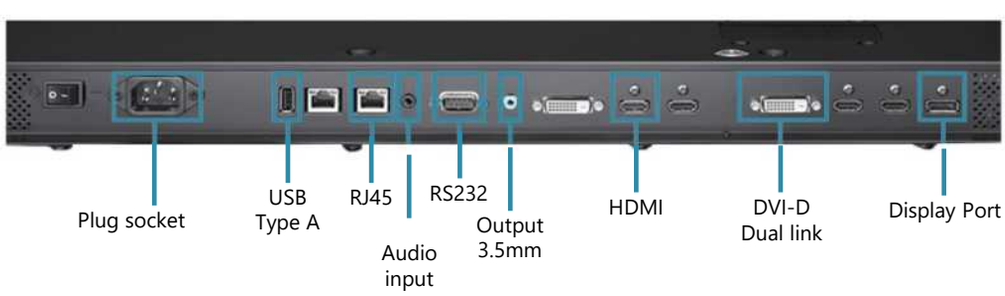
Resolution equals the number of pixels that the image displays. The more pixels there are, the sharper the image. Generally speaking, for a professional monitor for public use of up to 55 inches, a Full HD high resolution (1920 x 1080p) is sufficient. The term UHD is often used as a synonym for 4K. Ultra HD is the umbrella term for all resolutions with a high number of pixels. 4K is designed for monitors of 55'' and larger, where the distance between monitor and the viewer is smaller.

SoC

A system on a chip (SoC) is an integrated circuit that brings together the main components of a computer on a single electronic chip. All KIMEX professional monitors are equipped with an SoC.

Connections

Among the most common connections for professional screens are HDMI, DVI, Display Port and VGA. The most widely used is the HDMI port. Generally speaking, professional 4K screens are designed with an HDMI port. It is often indicated separately. For 4K display, the HDMI port must support the HDCP 2.2 standard, which is the case with connections indicated separately. Next to the image ports, there are usually USB ports, a 3.5mm audio input, LAN ports, and RS232 ports for connection with control systems (e.g. computers) and to allow internet access. Some professional screens also have a WLAN function (integrated or optional).

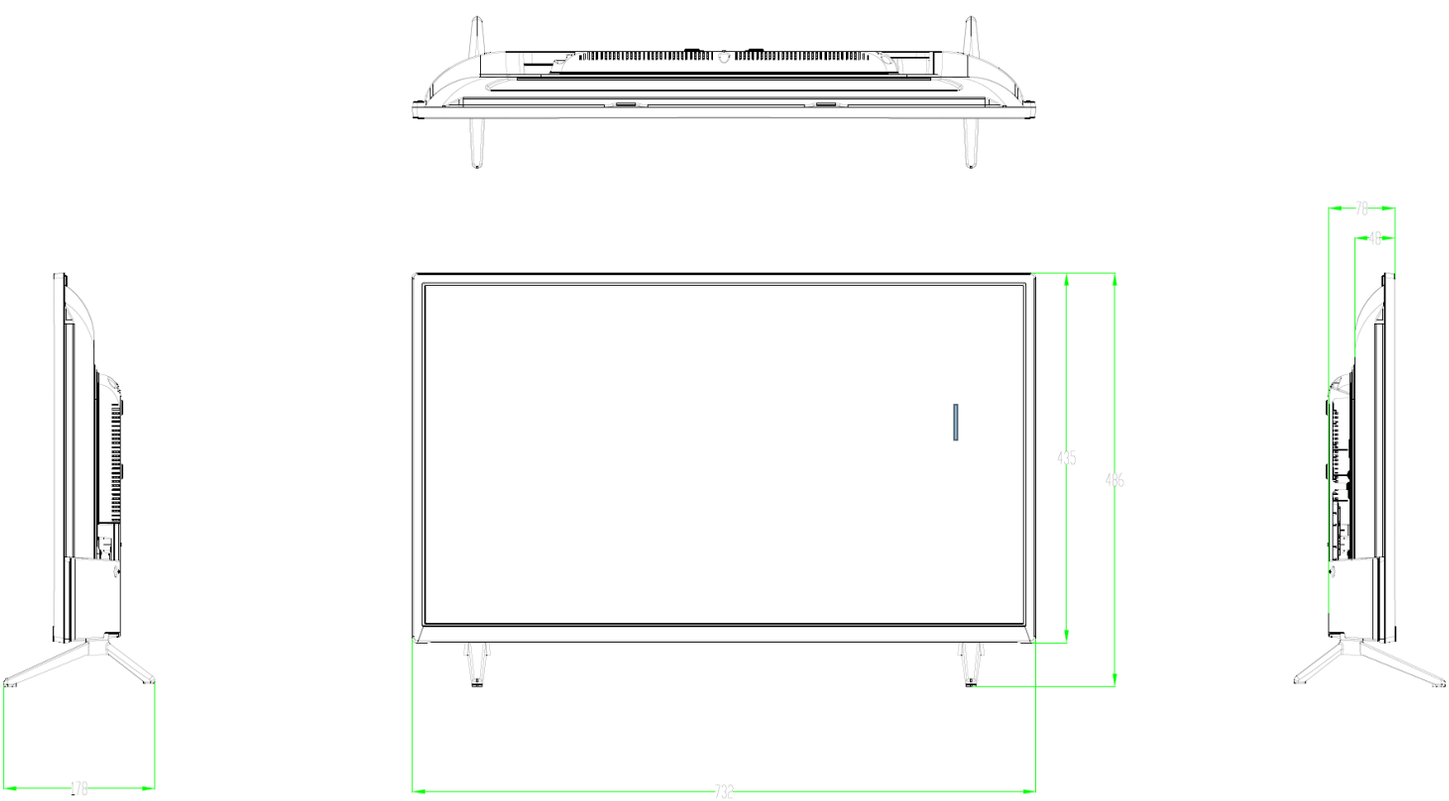


SMART HOTEL TV

167-3200 Smart TV Hotel 32'' Pro One

Technical specifications	
Size	32''
Resolution	HD 1366x768
Brightness	200 cd/m²
Smart TV	Netflix, Prime Video, YouTube...
Hotel mode	Yes
Bluetooth	No
Interface	Wifi/Ethernet/HDMIx2/USBx1/Peritel/ PC plug with audio /Antenna /headphone output/ digital audio output/ video-audio composite/CI+
Digital decoder	Embedded

DIMENSIONS



SMART HOTEL TV

167-3200 Smart TV Hotel 32'' Pro One

DATA SHEET

DISPLAY	
Size	32"
Brightness	200 cd/m²
Resolution	1366 x 768 WXGA
Contrast ratio	1200:1
Dynamic contrast ratio	100 CMP
Response time	10 ms

DISPLAY CONNECTIVITY	
Bluetooth	No
Connectivity	Antenna, Peritel, 2xHDMI, 1xUSB, PC plug with audio, Ethernet, headphone output, digital audio output, video/audio composite, CI+

ENERGY CONSUMPTION	
Typical	32kwh/1000h SDR, 45kwh/1000h HDR
Deep standby	≤0.5W
Power supply	220v / 50 Hz

MECHANISM	
Product dimensions	733 x 193 x 480 mm
Packaging dimensions	795 x 128 x 530 mm
Product weight	4.5 kg
VESA	75 x 75 mm – M4
Bezel	VNB frame

FUNCTIONS	
Smart TV	WIFI, Miracast/WiDi, Netflix, YouTube, Smart Remote, Smart Center, HBBTV 2.0, Media Sharing
TV functions	Child lock, EPG 7 days, PVR Ready, Recording via programmer, Recording via EPG, Direct registration, USB playback simultaneous & staggered recording, Cloning, picture modes, Hotel pro mode
Teletext	1000 pages
Programmable shutdown	30 to 90 min
Tuner	DVBT - C - T2, TELENET, VOO, LovesTV

SPECIFICATIONS	
Speaker	2 x 6 W
Video features	Norms Pal et NTSC, HEVC, Blue stretch / Super Resolution, HDR10 HLG, Micro dimming
Audio features	Dolby digital, 2x6W rms, 5-band equalizer, DSP modes audio, HDMI ARC

ACCESSORIES	
Included accessories	Remote, manual

SMART HOTEL TV

167-4300 Smart TV Hotel 43'' Pro One

Technical specifications	
Size	43''
Resolution	FHD 1920x1080
Brightness	200 cd/m²
Smart TV	Netflix, Prime Video, YouTube...
Hotel mode	Yes
Bluetooth	No
Interface	Wifi/Ethernet/HDMIx2/USBx1/Peritel/ PC plug with audio /Antenna /headphone output/ digital audio output/ video-audio composite/CI+
Digital decoder	Embedded

DIMENSIONS

SMART HOTEL TV

167-4300 Smart TV Hotel 43'' Pro One

DATA SHEET

DISPLAY	
Size	43"
Brightness	200 cd/m²
Resolution	1920 x 1080 FHD
Contrast ratio	/
Dynamic contrast ratio	/
Response time	/

DISPLAY CONNECTIVITY	
Bluetooth	No
Connectivity	Antenna, Peritel, 2xHDMI, 1xUSB, PC plug with audio, Ethernet, headphone output, digital audio output, video/audio composite, CI+

ENERGY CONSUMPTION	
Typical	/
Deep standby	≤0.5W
Power supply	220v / 50 Hz

MECHANISM	
Product dimensions	/
Packaging dimensions	/
Product weight	/
VESA	/
Bezel	VNB frame

FUNCTIONS	
Smart TV	WIFI, Miracast/WiDi, Netflix, YouTube, Smart Remote, Smart Center, HBBTV 2.0, Media Sharing
TV functions	Child lock, EPG 7 days, PVR Ready, Recording via programmer, Recording via EPG, Direct registration, USB playback simultaneous & staggered recording, Cloning, picture modes, Hotel pro mode
Teletext	1000 pages
Programmable shutdown	30 to 90 min
Tuner	DVBT - C - T2, TELENET, VOO, LovesTV

SPECIFICATIONS	
Speaker	2 x 6 W
Video features	Norms Pal et NTSC, HEVC, Blue stretch / Super Resolution, HDR10 HLG, Micro dimming
Audio features	Dolby digital, 2x6W rms, 5-band equalizer, DSP modes audio, HDMI ARC

ACCESSORIES	
Included accessories	Remote, manual

SMART HOTEL TV

167-3210 Smart TV Hotel 32'' Pro Plus

Technical specifications	
Size	32''
Resolution	FHD 1920x1080
Brightness	200 cd/m²
Smart TV	Netflix, Prime Video, YouTube...
Hotel mode	Yes
Frame	Ultra-thin (Borderless)
Bluetooth	Yes
Interface	Wifi/Ethernet/HDMIx3/USBx2/PC plug with audio /Antenna /headphone output/ digital audio output/ video-audio composite/CI+/Bluetooth
Digital decoder	Embedded

DIMENSIONS

SMART HOTEL TV

167-3210 Smart TV Hotel 32'' Pro Plus

DATA SHEET

DISPLAY	
Size	32"
Brightness	200 cd/m²
Resolution	1920 x 1080 FHD
Contrast ratio	1200:1
Dynamic contrast ratio	100 CMP
Response time	10 ms

DISPLAY CONNECTIVITY	
Bluetooth	Yes
Connectivity	Antenna, HDMIx3, USBx2, PC plug with audiox1, Ethernet x1, headphone output, digital audio output, video/audio composite x1, CI+

ENERGY CONSUMPTION	
Typical	/
Deep standby	≤0.5W
Power supply	220v / 50 Hz

MECHANISM	
Product dimensions	/
Packaging dimensions	/
Product weight	/
VESA	/
Bezel	Borderless

FUNCTIONS	
Smart TV	WIFI, Miracast/WiDi, Netflix, YouTube, Smart Remote, Smart Center, HBBTV 2.0, Media Sharing, Bluetooth
TV functions	Child lock, EPG 7 Jours, PVR Ready, Recording via programmer, Recording via EPG, Direct recording, USB playback simultaneous and staggered recording Cloning, Image Modes, Hotel Pro Mode
Teletext	1000 pages
Programmable shutdown	30 to 90 min
Tuner	DVBT - C - T2

SPECIFICATIONS	
Speaker	2 x 6 W
Video features	Norms Pal et NTSC, HEVC, Blue stretch / Super resolution, HDR10 HLG, Micro dimming
Audio features	Dolby digital, 2x6W rms, 5-band equalizer, DSP audio modes, HDMI ARC

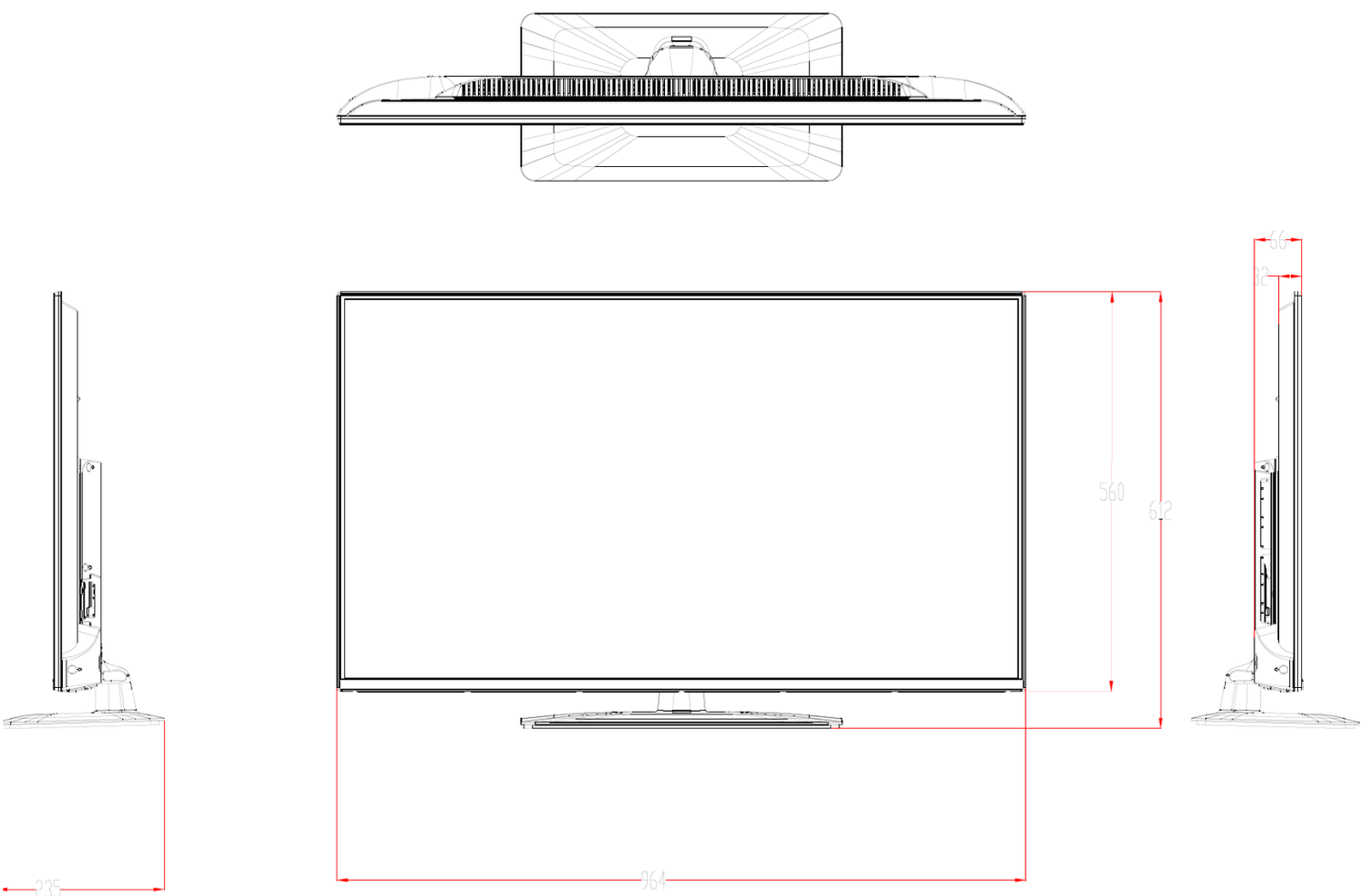
ACCESSORIES	
Included accessories	Remote, manual

SMART HOTEL TV

167-4310 Smart TV Hotel 43'' Pro Plus

Technical specifications	
Size	43''
Resolution	UHD 4K 3840x2160
Brightness	200 cd/m²
Smart TV	Netflix, Prime Video, YouTube...
Hotel mode	Yes
Frame	Ultra-thin (Borderless)
Bluetooth	Yes
Interface	Wifi/Ethernet/HDMIx3/USBx2/PC plug with audio /Antenna /headphone output/ digital audio output/ video-audio composite/CI+/Bluetooth
Digital decoder	Embedded

DIMENSIONS



SMART HOTEL TV

167-4310 Smart TV Hotel 43'' Pro Plus

DATA SHEET

DISPLAY	
Size	43"
Brightness	200 cd/m²
Resolution	3840 x 2160 UHD
Contrast ratio	1000:1
Dynamic contrast ratio	600 CMP
Response time	19 ms

DISPLAY CONNECTIVITY	
Bluetooth	Yes
Connectivity	Antenna, HDMIx3, USBx2, PC plug with audiox1, Ethernet x1, headphone output, digital audio output, video/audio composite x1, CI+

ENERGY CONSUMPTION	
Typical	54kwh/1000h SDR / 88kwh/1000h HDR
Deep standby	≤0.5W
Power supply	220v / 50 Hz

MECHANISM	
Product dimensions	964 x 230 x 624 mm
Packaging dimensions	1085 x 154 x 710 mm
Product weight	9.5 kg
VESA	100 x 100 mm – M4
Bezel	Borderless

FUNCTIONS	
Smart TV	WIFI, Miracast/WiDi, Netflix, YouTube, Smart Remote, Smart Center, HBBTV 2.0, Media Sharing, Bluetooth
TV functions	Child lock, EPG 7 Jours, PVR Ready, Recording via programmer, Recording via EPG, Direct recording, USB playback simultaneous and staggered recording Cloning, Image Modes, Hotel Pro Mode
Teletext	1000 pages
Programmable shutdown	30 to 90 min
Tuner	DVBT - C - T2

SPECIFICATIONS	
Speaker	2 x 6 W
Video features	Norms Pal et NTSC, HEVC, Blue stretch / Super resolution, HDR10 HLG, Micro dimming
Audio features	Dolby digital, 2x6W rms, 5-band equalizer, DSP audio modes, HDMI ARC

ACCESSORIES	
Included accessories	Remote, manual

PROFESSIONAL DISPLAYS

163-3235 / 164-3245 Standard professional displays

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.

32”

16/7 / 24/7

FULL HD

350 cd/m² / 450cd/m²

FEATURES

> USB Content Scheduling

USB content scheduling optimizes the playback and operation of content efficiently while configuring playback times on a daily and weekly basis. You can clone and distribute the scheduling configuration to other screens via a USB plug-in.

> SoC

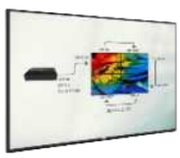
HTML5-based applications can be developed to run directly in the SoC platform of our screens. The screens are capable of running in online or offline mode.

> USB Autoplay

USB autoplay makes playing content simple and effortless. Simply plug in your USB memory containing images or video files and the display can start playing automatically.

> Playlist Creation

Playlists can be easily created by the user, allowing up to 4 different combinations of images and videos in a specific order, which can then be selected and played at the desired time, using the built-in scheduler.



> 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.

> 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.

> 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.

> Unlimited operability
The screen panels used for this series are designed to operate 16/7/d. The series has a brightness level of 350cd/m2 or 450cd/m^2 suitable for indoor environments.

> Pixel Shifting
Our integrated SoC is designed to avoid the marking of your display screen caused by showing a still image for an extended period of time. When this function is activated, the pixels on the screen move imperceptibly at regular intervals without disturbing your audience's viewing experience.

> Source switch
You can select any source when you turn your screen on. The display can also be switched to any other signal source using programming or automatic switching scenarios, to ensure that the best possible experience is always offered to your audience.

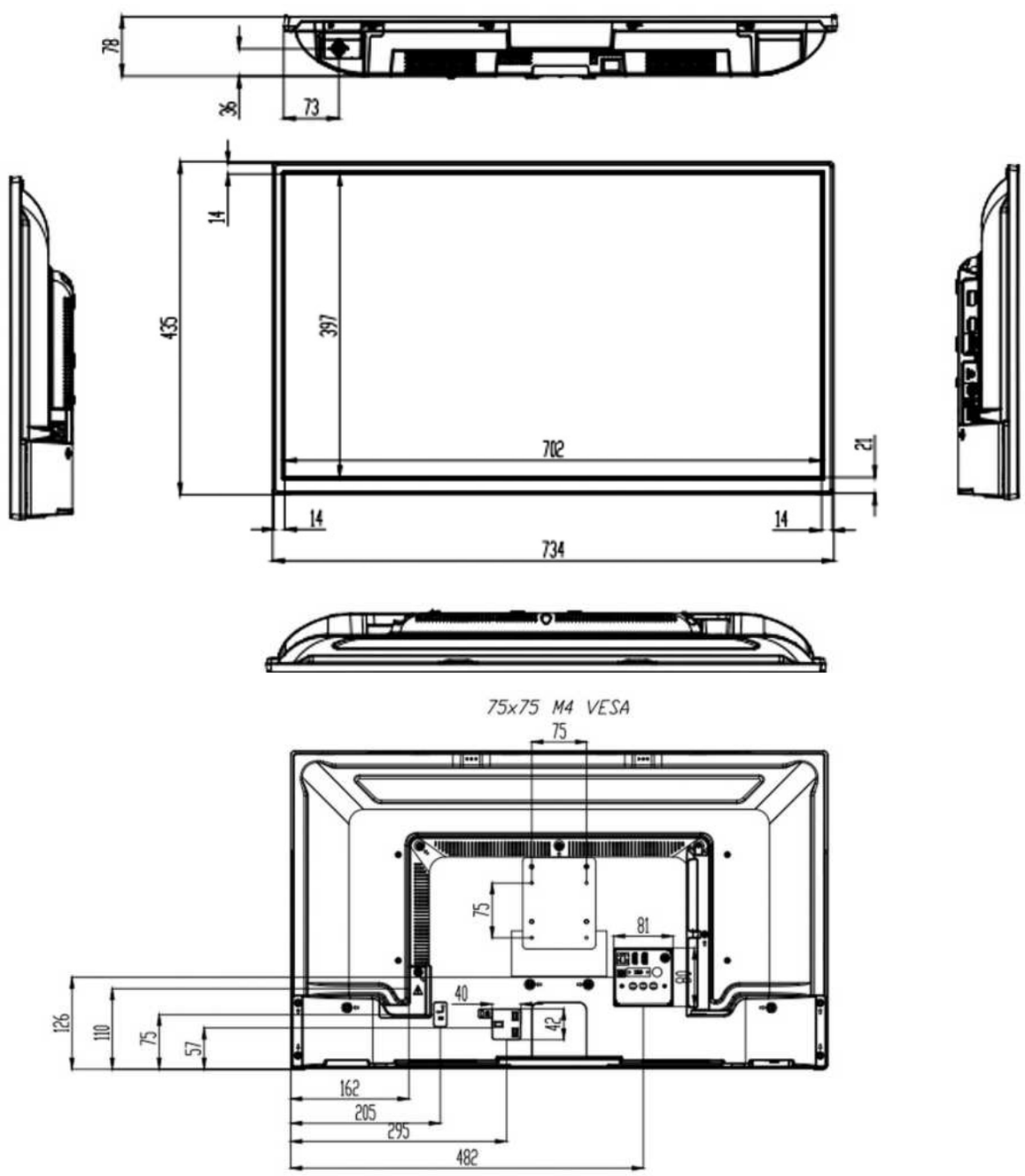
> Auto play
The automatic display of a link or an application, based on the HTML5 data format, when our products are turned on is facilitated by our integrated SoC (System on a Chip) media player. You can display a resource online or offline, allowing your customers to use their own applications.

PROFESSIONAL DISPLAYS

163-3235 Standard professional display

Technical specifications	
Use	16/7
Size	32''
Resolution	FHD
Brightness	350 cd/m²
LED technology	Direct LED
Bezel	B:21 | T:14 | L/R:14 mm
Depth	78 mm
Vesa	75x75 mm
Portrait mode	No
Haze level	3%
Frame	Plastic
Interface	HDMI 2.0/DP 1.2A/USB/ RS232/RJ45/Audio/Speaker

DIMENSIONS



PROFESSIONAL DISPLAYS

163-3235 Standard professional display

DATA SHEET

DISPLAY	
Size	32"
Backlight type	Direct-Type LED
Screen technology	FSA (VA)
Brightness	350 cd/m^2
Resolution	1920 x 1080 Full HD
Contrast ratio	3000:1
Dynamic contrast ratio	35000:1
Response time	8.5 ms
Active area (H x V)	698.40 x 392.85 mm
Viewing angle	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10
Colour value	16.7M
Screen treatment	3 h
Haze level	3%
Refresh rate	60Hz
Orientation	Landscape
Operation hours	16/7
Areas of usage	Indoor

DISPLAY CONNECTIVITY	
RGB input	N/A
RGB output	N/A
Video input	1xHDMI2.0, 2xUSB2.0, DP1.2a
Video output	DP1.2a
Audio input	N/A
Audio output	Headphone
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	55 W
Deep standby	≤0.5W

MAINBOARD	
Mainboard template	17MB130VS
Operating system	Linux (HTML5 based app support)
Wired	10/100 Mbps
WiFi	WiFi 4 (802.11 a/b/g/n)

MECHANISM	
Product dimensions	734 x 78 x 435 mm
Packaging dimensions	795 x 128 x 530 mm
Product weight	4.5 kg
Weight with packaging	6 kg
VESA	75 x 75 mm – M4
Bezel	B:21 | T:14 | L/R:14 mm

POWER	
Power supply	170 VAC - 240 VAC - 50/60 Hz

SPECIFICATIONS	
Speaker	2 x 6 W
Mechanical specifications	Joystick, IR extender, rocker switch, Detachable power cable (class2), logo on bezel horizontal

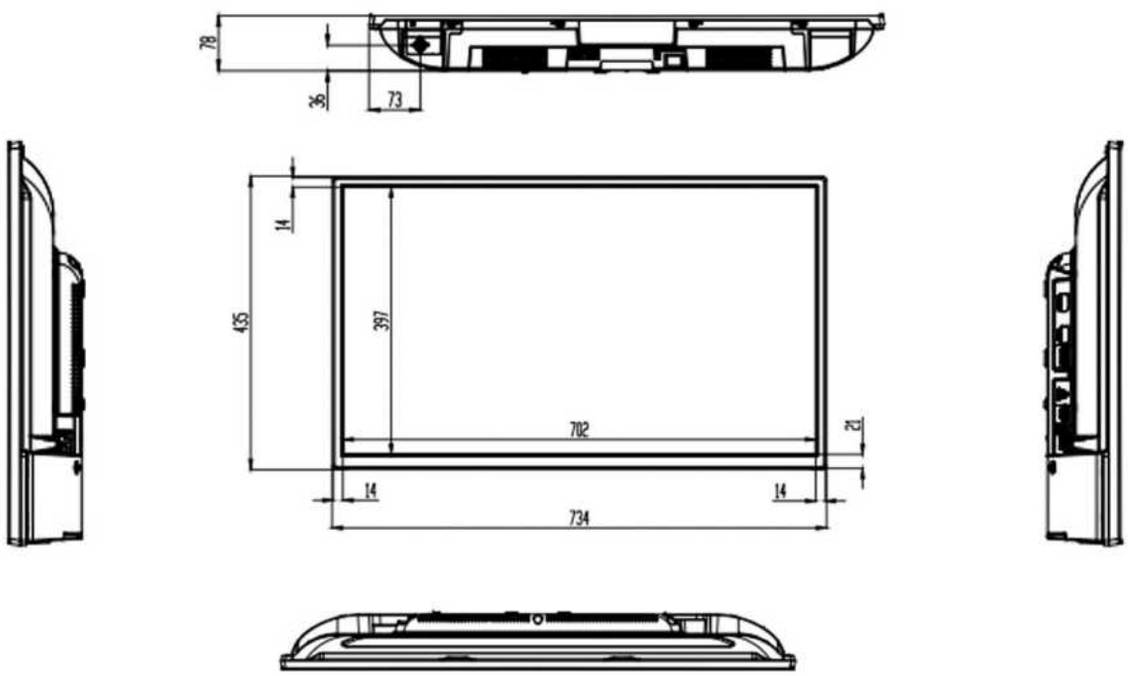
SECURITY	
Security	Yes
EMC certification	Yes
CE mark	Yes

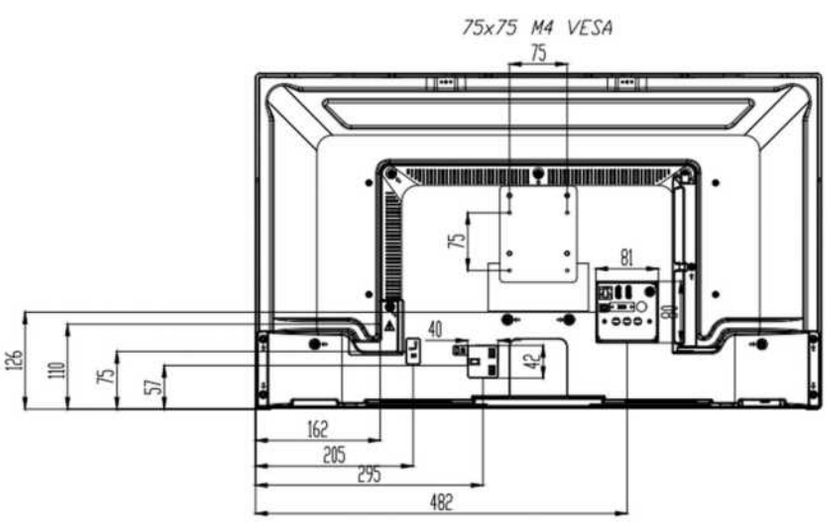
PROFESSIONAL DISPLAYS

164-3245 Standard professional display

Technical specifications	
Use	24/7
Size	32''
Resolution	FHD
Brightness	450 cd/m²
LED technology	Direct LED
Bezel	B:21 | T:14 | L/R:14 mm
Depth	78 mm
Vesa	75x75 mm
Portrait mode	Oui
Haze level	3%
Frame	Plastic
Interface	HDMI 2.0/DP 1.2A/USB/ RS232/RJ45/RJ12/Audio/Speaker

DIMENSIONS





PROFESSIONAL DISPLAYS

164-3245 Standard professional display

DATA SHEET

DISPLAY	
Size	32"
Backlight type	Direct-Type LED
Screen technology	FSA (VA)
Brightness	450 cd/m^2
Resolution	1920 x 1080 Full HD
Contrast ratio	3000:1
Dynamic contrast ratio	45000:1
Response time	9.5 ms
Active area (H x V)	698.40 x 392.85 mm
Viewing angle	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10
Colour value	16.7M
Screen treatment	3 h
Haze level	3%
Refresh rate	60Hz
Orientation	Landscape/portrait
Operation hours	24/7
Areas of usage	Indoor

MAINBOARD	
Mainboard template	17MB130VS
Operating system	Linux (HTML5 based app support)
Wired	10/100 Mbps
WiFi	WiFi 4 (802.11 a/b/g/n)

MONITOR CONNECTIVITY	
RGB input	N/A
RGB output	N/A
Video input	1xHDMI2.0, 2xUSB2.0, DP1.2a
Video output	DP1.2a
Audio input	N/A
Audio output	Headphone
External control	RS232(DE-9F), Ethernet(RJ45), Service(RJ12)
External sensor	RJ12

MECHANISM	
Product dimensions	734 x 78 x 435 mm
Packaging dimensions	795 x 128 x 530 mm
Product weight	4.5 kg
Weight with packaging	6 kg
VESA	75 x 75 mm – M4
Bezel	B:21 | T:14 | L/R:14 mm

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

POWER	
Power supply	170 VAC - 240 VAC - 50/60 Hz

ENERGY CONSUMPTION	
Typical	55 W
Deep standby	≤0.5W

SPECIFICATIONS	
Speaker	2 x 6 W
Mechanical specifications	Joystick, IR extender, rocker switch, Detachable power cable (class2), logo on bezel horizontal

SECURITY	
Security	Yes
EMC certification	Yes
CE mark	Yes

PROFESSIONAL DISPLAYS

163-4335 / 163-5541 Ultra Thin professional displays

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.

43”/ 55”

16/7

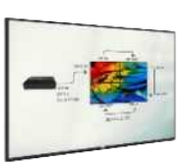
4K UHD

350 cd/m²

FEATURES

> Embedded CMS
The integrated content management system allows easy access to your media library, templates and planner. Using simple and intuitive menus and layout options, it enables easy content management for small businesses.

> URL Startup
Along with several startup options, it is possible to add a specific URL that will be opened automatically when the browser is launched or displayed.



> 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.

> 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.

> 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.

> Unlimited operability
The screen panels used for this series are designed to operate 16/7/d. The series has a brightness level of 350cd/m2 or 450cd/m^2 suitable for indoor environments.

> 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.

> Source switch
You can select any source when you turn your screen on. The display can also be switched to any other signal source using programming or automatic switching scenarios, to ensure that the best possible experience is always offered to your audience.

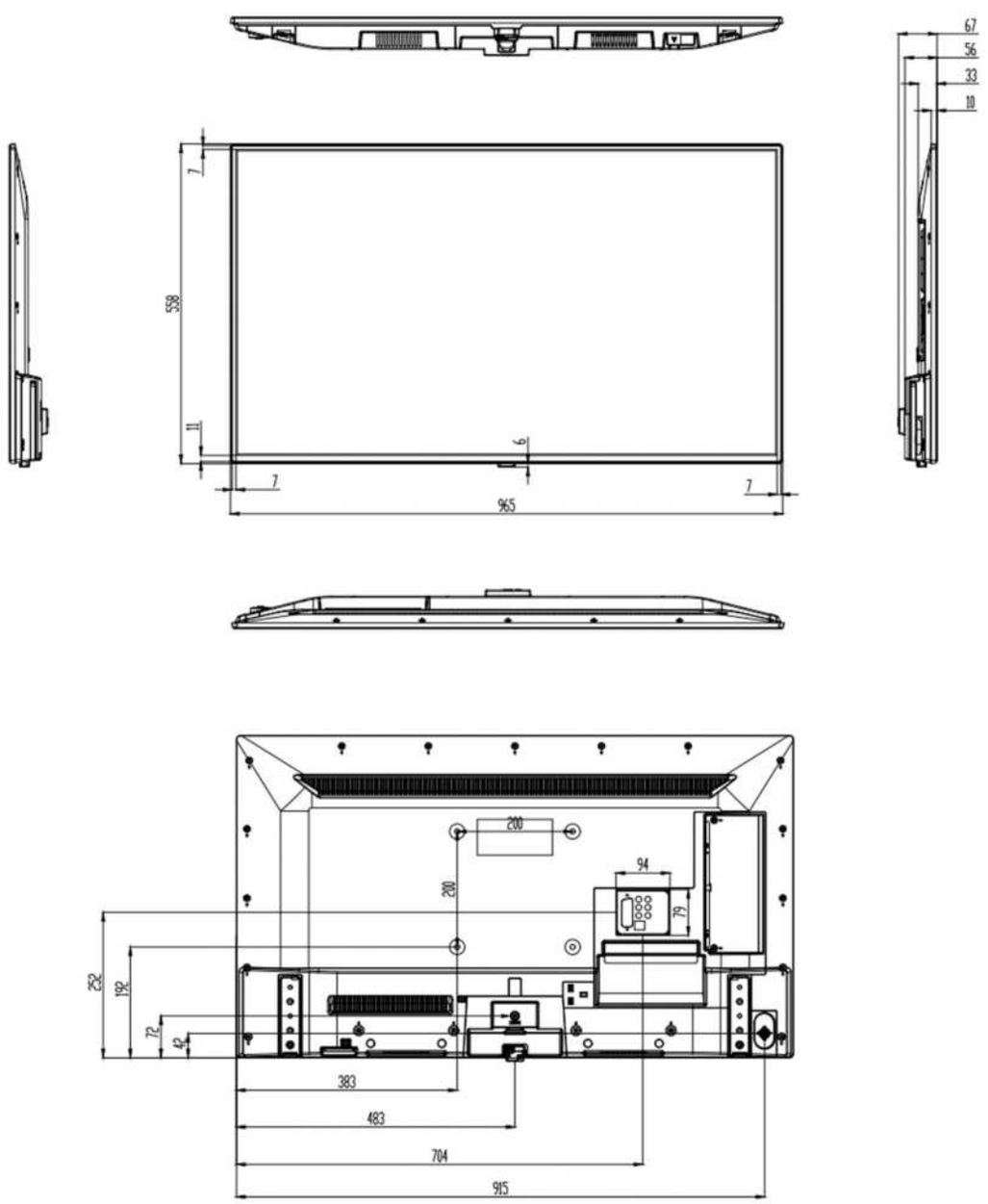
> Pixel Shifting
Our integrated SoC is designed to avoid the marking of your display screen caused by showing a still image for an extended period of time. When this function is activated, the pixels on the screen move imperceptibly at regular intervals without disturbing your audience's viewing experience.

PROFESSIONAL DISPLAYS

163-4335 Ultra Thin 43'' professional display

Technical specifications	
Use	16/7
Size	43''
Resolution	4K UHD
Brightness	350 cd/m²
LED technology	Edge LED
Bezel	B:11 | T:7 | L/R:7 mm
Depth	67 mm
Vesa	200x200 mm
Portrait mode	No
Haze level	1%
Frame	Plastic
Interface	HDMI 2.0/VGA/USB/RS232/RJ45/ RJ12/IR/HP/Audio/Speaker

DIMENSIONS



PROFESSIONAL DISPLAYS

163-4335 Ultra Thin 43'' professional display

DATA SHEET

DISPLAY	
Size	43"
Backlight type	Edge-Type LED
Brightness	350 cd/m²
Resolution	UHD : 3840 x 2160 (16:9) – HDR10
Contrast ratio	1200:1
Dynamic contrast ratio	35000:1
Display life (min.)	50000 h
Response time	8 ms
Active area (H x V)	941 x 529 mm
Viewing angle	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10
Colour value	1.07 B (10-bit)
Screen treatment	3 h
Haze level	1%
Refresh rate	60Hz
Front type	Ultra Narrow Bezel
Orientation	Landscape
Operation hours	16/7
Areas of usage	Indoor

MAINBOARD	
Mainboard template	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

MECHANISM	
Product dimensions	965 x 67 x 558 mm
Packaging dimensions	1195 x 145 x 775 mm
VESA	200 x 200 mm
Bezel	B:11 | T:7 | L/R:7 mm

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

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

ENERGY CONSUMPTION	
Deep standby	≤0.5W

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, Screen Saver, Pixel shift, Scheduler, Videowall support, remote control via LAN, Real Time Clock
	Joystick, Cable Holder
Speaker	2 x 10 W

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

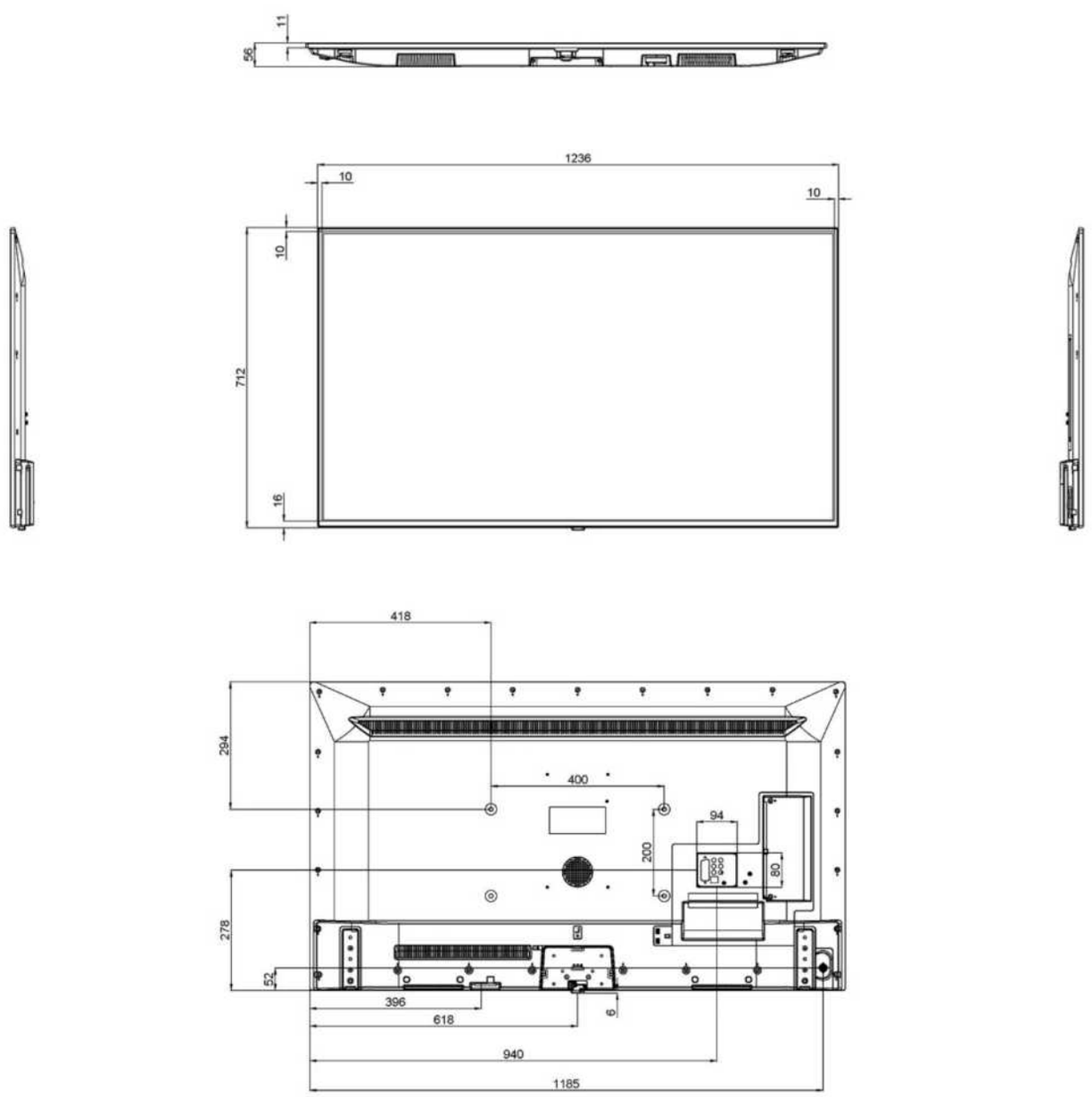
SECURITY	
Security	Yes
EMC certification	Yes
CE mark	Yes

PROFESSIONAL DISPLAYS

163-5541 Ultra Thin 55'' professional display

Technical specifications	
Use	16/7
Size	55"
Resolution	4K UHD
Brightness	350 cd/m²
LED technology	Edge-Type LED
Bezel	B:16 | T:10 | L/R:10 mm
Depth	56mm
Vesa	400x200 mm
Portrait mode	No
Haze level	3%
Frame	Plastic
Interface	HDMI 2.0/VGA/USB/RS232/RJ45/ RJ12/IR/HP/Audio/Speaker

DIMENSIONS



PROFESSIONAL DISPLAYS

163-5541 Ultra Thin 55'' professional display

DATA SHEET

DISPLAY	
Size	55"
Backlight type	Edge-Type LED
Brightness	350 cd/m²
Resolution	3840 x 2160 (16:9) – UHD + HDR10
Contrast ratio	1200:1
Dynamic contrast ratio	35000:1
Display life (min.)	50000 hrs
Response time	8 ms
Active area (H x V)	1210 x 680 mm
Pixel pitch (H x V)	0.3150 x 0.3150 mm
PPI (pixels per inch)	81
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	Landscape
Operation hours	16/7
Areas of usage	Indoor

MAINBOARD	
Mainboard template	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

MECHANISM	
Product dimensions	1236 x 56 x 712 mm
Packaging dimensions	1369 x 145 x 874 mm
Product weight	17 kg
Weight with packaging	20 kg
VESA	400 x 200 mm
Bezel	B:16 | T:10 | L/R:10 mm

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

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

ENERGY CONSUMPTION	
Typical	100 W
Deep Standby	≤0.5W

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, Screen Saver, Pixel shift, Scheduler, Video wall support, remote control via LAN, Real Time Clock
Mechanical specifications	Joystick, Cable Holder
Speakers	2 x 10 W

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

SECURITY	
Security	Yes
EMC certification	Yes
CE mark	Yes

PROFESSIONAL DISPLAYS

163-6540 / 163-7540 Large professional displays

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.

65”/ 75”

16/7

4K UHD

400 cd/m²

FEATURES

> Display Control over RS232 and LAN
Our platform allows users to control their screens, using a wide range of commands via a local area network or direct RS232 serial connection.

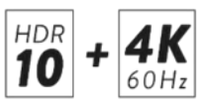
> Wireless Display
Using the Microsoft Wireless screen Adapter or Android screen-sharing functions on Windows and Android devices, you can mirror the display on the monitor using integrated wireless screen capabilities without using external devices or cables.

> Menu Lock
The menu lock feature allows you to lock the display menus after installation to prevent any changes or access when in use in a public area.

> SoC
HTML5-based applications can be developed to run directly in the SoC platform of our screens. The screens are capable of running in online or offline mode.

> Auto play
The automatic display of a link or an application, based on the HTML5 data format, when our products are turned on is facilitated by our integrated SoC (System on a Chip) media player. You can display a resource online or offline, allowing your customers to use their own applications.

> Embedded CMS
The integrated content management system allows easy access to your media library, templates and planner. Using simple and intuitive menus and layout options, it enables easy content management for small businesses.



> 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.

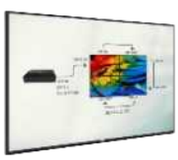
> DAP (Dolby Audio Processing) Technology>
Our screens deliver full sound performance using the latest DAP technology by Dolby. With integrated DAP technology, superior sound performance is achieved through intelligent audio equalisation, dialogue enhancements and surround sound upmixing.

> 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
Our integrated SoC is designed to avoid the marking of your display screen caused by showing a still image for an extended period of time. When this function is activated, the pixels on the screen move imperceptibly at regular intervals without disturbing your audience's viewing experience.

> Source switch
You can select any source when you turn your screen on. The display can also be switched to any other signal source using programming or automatic switching scenarios, to ensure that the best possible experience is always offered to your audience.

> HDMI Wake Up
To maximise the user experience when using external video devices such as media players, screen controllers or PCs, all of our devices come with the HDMI wake-up function, ready to turn the screen on/off by simply plugging/unplugging the HDMI cable.



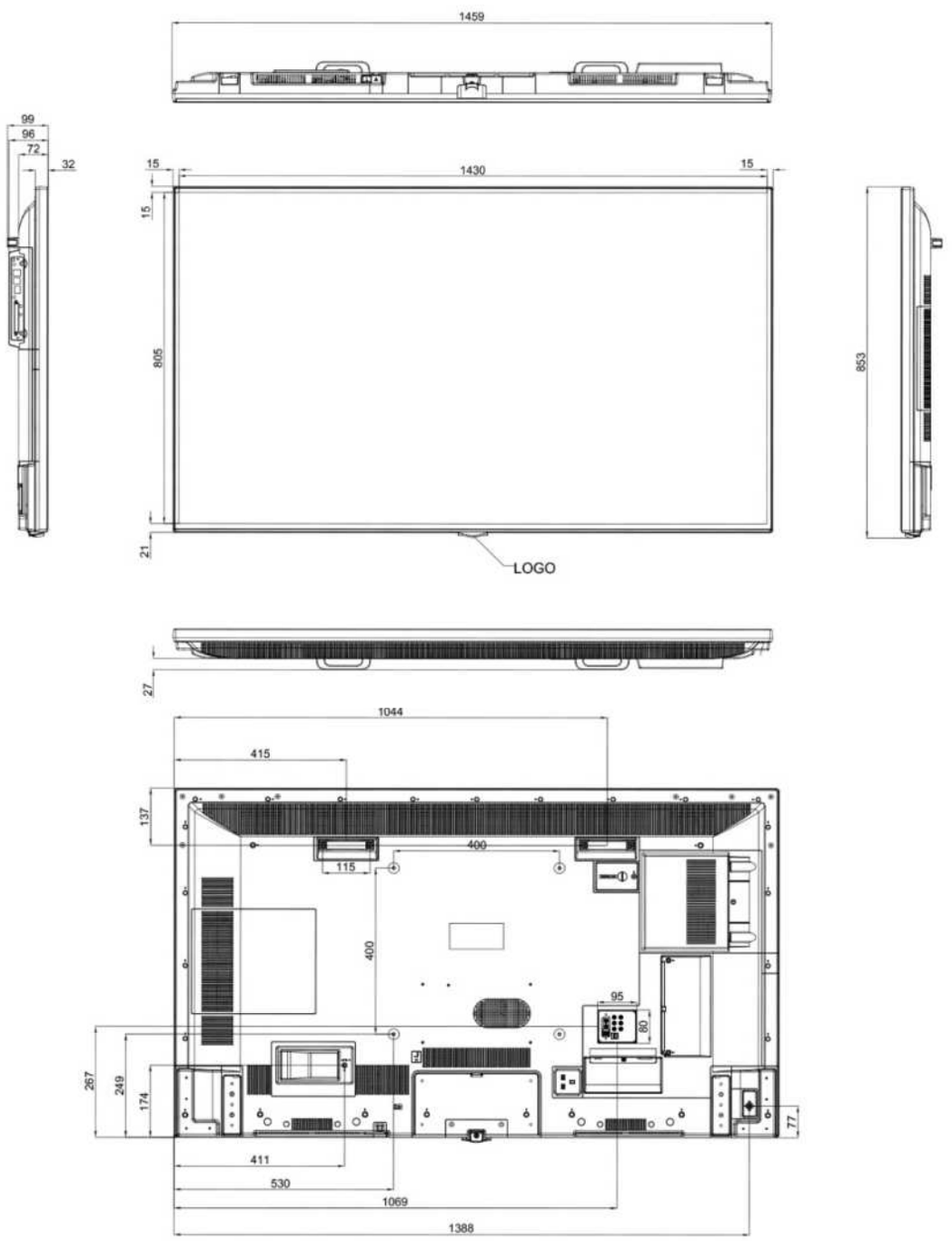
> Screen linking
This monitor can broadcast the content received (to other screens) by using the video inputs/outputs of the screens connected to it. This configuration makes it possible to create a serial connection and to use our monitors as video image walls.

PROFESSIONAL DISPLAYS

163-6540 Large 65'' professional display

Technical specifications	
Use	16/7
Size	65''
Resolution	4K UHD
Brightness	400 cd/m²
LED technology	Direct LED
Bezel	B:21 | T:15 | L/R:15 mm
Depth	99 mm
Vesa	400x400 mm
Portrait mode	No
Haze level	3%
Frame	Plastic
Interface	HDMI 2.0/VGA/USB/RS232/RJ45/ RJ12/IR/HP/Audio/Speaker

DIMENSIONS



PROFESSIONAL DISPLAYS

163-6540 Large 65'' professional display

DATA SHEET

DISPLAY	
Size	65"
Backlight type	Direct-Type LED
Brightness	400 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)	1428 mm (H) x 804 mm (V)
Pixel pitch (H x V)	0.372 x 0.372 mm
PPI (pixels per inch)	68
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	Landscape
Operation hours	16/7
Areas of usage	Indoor

MAINBOARD	
Mainboard template	17MB135VS

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

MECHANISM	
Product dimensions	1459 x 99 x 853 mm
Packaging dimensions	1607 x 177 x 980 mm
Product weight	24.45 kg
Weight with packaging	31.85 kg
VESA	400 x 400 mm - M6
Bezel	B:21 | T:15 | L/R:15 mm

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

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

ENERGY CONSUMPTION	
Typical	190 W
Deep Standby	≤0.5W

SPECIFICATIONS	
Main specifications	Open Content Management Support, Scheduler, USB Autoplay, Auto-Launch, HDMI-CEC, HDMI-Wakeup, Auto-switch on Failover, Panel Lock
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 8 W

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

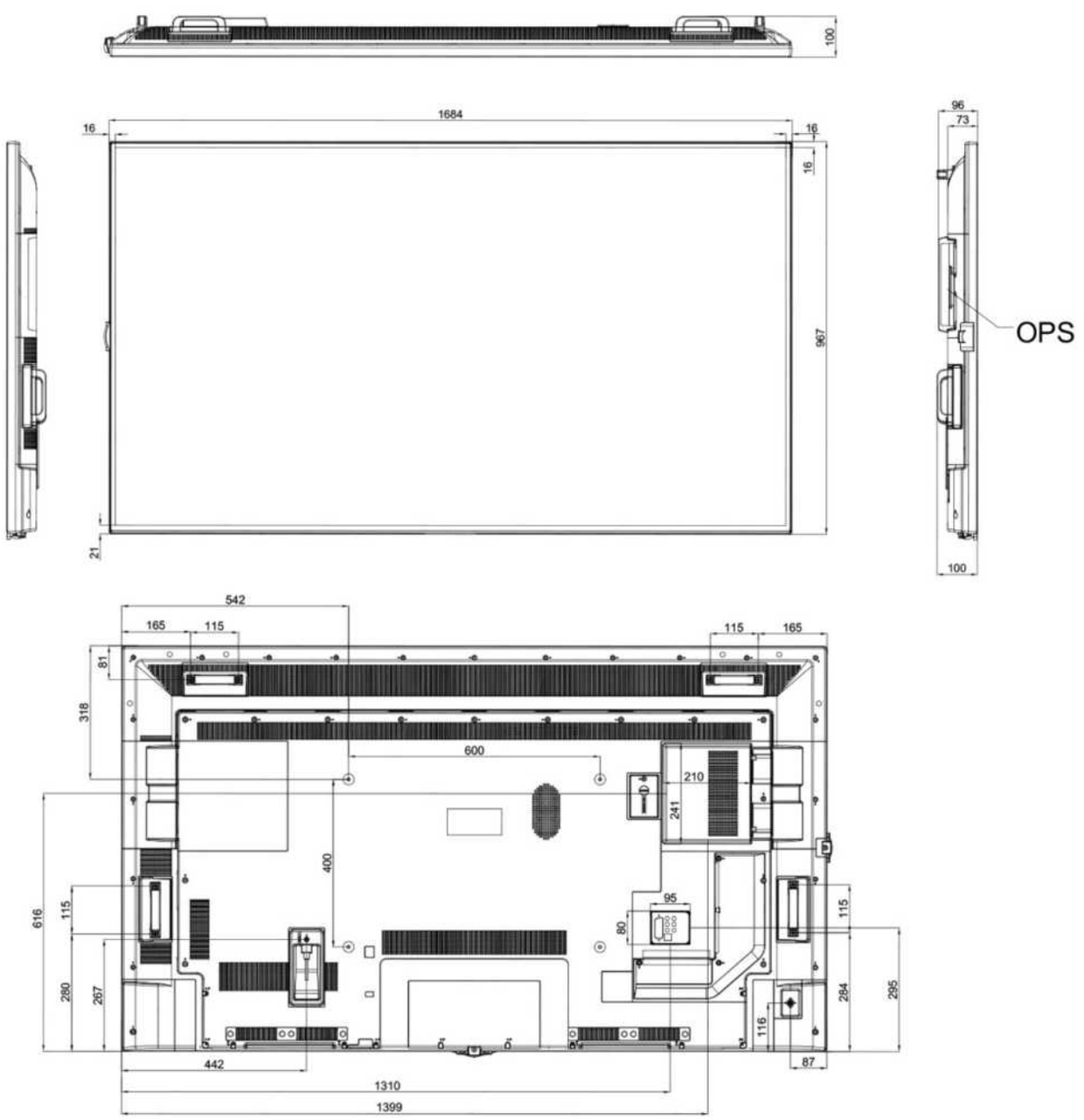
SECURITY	
Security	Yes
EMC certification	Yes
CE mark	Yes

PROFESSIONAL DISPLAYS

163-7540 Large 75'' professional display

Technical specifications	
Use	16/7
Size	75''
Resolution	4K UHD
Brightness	400 cd/m²
LED technology	Direct LED
Bezel	B:21 | T:16 | L/R:16
Depth	100 mm
Vesa	600x400 mm
Portrait mode	No
Haze level	3%
Frame	Plastic
Interface	HDMI 2.0/VGA/USB/RS232/RJ45/ RJ12/IR/HP/Audio/Speaker

DIMENSIONS



PROFESSIONAL DISPLAYS

163-7540 Large 75'' professional display

DATA SHEET

DISPLAY	
Size	75"
Backlight type	Direct-Type LED
Brightness	400 cd/m²
Resolution	3840 x 2160 (16:9) – UHD + HDR10
Contrast ratio	1200:1
Dynamic contrast ratio	40000:1
Display life (min.)	30000 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	Landscape
Operation hours	16/7
Areas of usage	Indoor

MAINBOARD	
Mainboard template	17MB135VS

MONITOR CONNECTIVITY	
RGB input	VGA(DE-15F)
RGB output	N/A
Video input	4xHDMI2.0, 2xUSB2.0, USB2.0(Internal)
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

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

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

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

ENERGY CONSUMPTION	
Typical	223 W
Deep Standby	≤0.5W

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, Screen Saver, 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
Speakers	2 x 12 W

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

SECURITY	
Security	Yes
EMC certification	Yes
CE mark	Yes

PROFESSIONAL DISPLAYS

164-6551 Ultra Thin 65'' professional display

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.

65" | **24/7** | **4K UHD** | **500 cd/m²**

FEATURES

> SDM Ready
With the change comes for OPS and Display computing cards, QM series also give customer to choose between OPS or SDM module. You can order your product either as OPS ready or SDM ready.

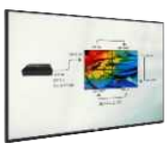
> Pixel Shifting
The Pixel Shifting function can be activated to reduce the potential risk of the image freezing when static content is displayed over long periods of time. The function periodically shifts the image on the screen, without interfering with the viewing experience.

> HDMI Wake Up
To maximise the user experience when using external video devices such as media players, screen controllers or PCs, all of our devices come with the HDMI wake-up function, ready to turn the screen on/off by simply plugging/unplugging the HDMI cable.

> 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.

164-6551 Ultra Thin 65'' professional display

> 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.



> 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.

> 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.

> 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 500 Nits brightness levels suitable for medial indoor environment.

> Source switch
You can select any source when you turn your screen on. The display can also be switched to any other signal source using programming or automatic switching scenarios, to ensure that the best possible experience is always offered to your audience.

> 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.

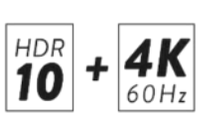
> Built-in Connectivity
This series features wired and wireless connectivity such as embedded WiFi and Bluetooth. Due to the wireless capabilities, the displays can easily gather its content without any external device. Moreover, WiFi allows screen sharing to be enjoyed with Miracast.

> 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.

> Signal relay
Our SoC software offers an integrated solution to ensure that a still image indicating "No signal" is never displayed. For example, if the USB device is unplugged even though you have configured it to display a USB source, the screen will then display your personalised banner or search for any available signal from other sources (HDMI, Display Port, etc.).

> 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.

> Auto play
The automatic display of a link or an application, based on the HTML5 data format, when our products are turned on is facilitated by our integrated SoC (System on a Chip) media player. You can display a resource online or offline, allowing your customers to use their own applications.



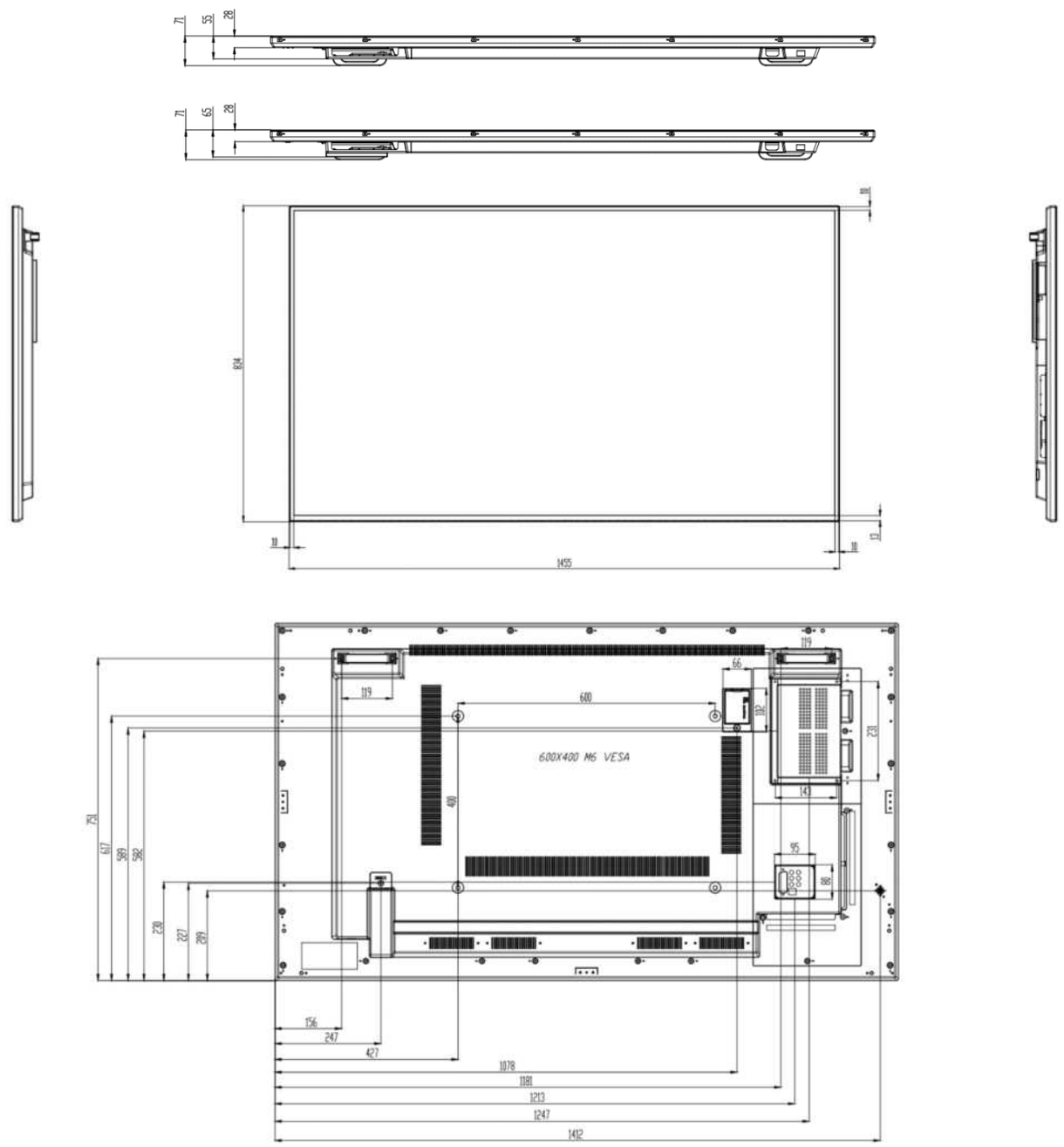
> HDR10 & 4K HDMI @60Hz
Screens supporting HDR10 allow HDR-based content to be displayed, resulting in a brighter and more dynamic image. This is further enhanced with support of 4K 60Hz, allowing the presentation of super crisp, fluid video content.

PROFESSIONAL DISPLAYS

164-6551 Ultra Thin 65'' professional display

Technical specifications	
Use	24/7
Size	65''
Resolution	4K UHD
Brightness	500 cd/m²
LED technology	Edge LED
Bezel	B:13 | T:10 | L/R:10 mm
Depth	71 mm
Vesa	600x400 mm
Portrait mode	Yes
Haze level	3%
Frame	Metal
Interface	HDMI2.0/VGA/DP1.2a/USB2.0/RS232/ RJ45/RJ12/IR/HP/Audio/Speaker

DIMENSIONS



164-6551 Ultra Thin 65'' professional display

DATA SHEET

DISPLAY	
Size	65"
Screen Technology	IPS
Backlight type	Edge-Type LED
Brightness	500 cd/m²
Resolution	UHD : 3840 x 2160 (16:9) – HDR10
Contrast ratio	1200:1
Dynamic contrast ratio	50000:1
Display life (min.)	50000 h
Response time	6 ms
Active area (H x V)	1428.5 x 803.5 mm
Pixel pitch (H x V)	0.372 x 0.372 mm
PPI (pixels per inch)	68
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

MAINBOARD	
Mainboard template	17MB135VS

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

MECHANISM	
Product dimensions	1455 x 71 x 834 mm
Packaging dimensions	1650 x 207 x 1042 mm
Product weight	29 kg
Weight with packaging	40 kg
VESA	600 x 400 mm
Bezel	B:13 | T:10 | L/R:10 mm

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

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

ENERGY CONSUMPTION	
Typical	187W
Deep Standby	≤0.5W

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, Screen Saver, Pixel shift, Scheduler, Videowall support, remote control via LAN, Real Time Clock
Mechanical specifications	Joystick, Cable Holder, OPS Compatible, SDM Support, Internal USB Cover, Datchable Power Plug
Speakers	2 x 10W

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

SECURITY	
Security	Yes
EMC certification	Yes
CE mark	Yes

PROFESSIONAL DISPLAYS

164-7540 High Brightness 75'' professional display

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.

164-7540 High Brightness 75'' professional display

> 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.

HDR 10 + 4K 60Hz

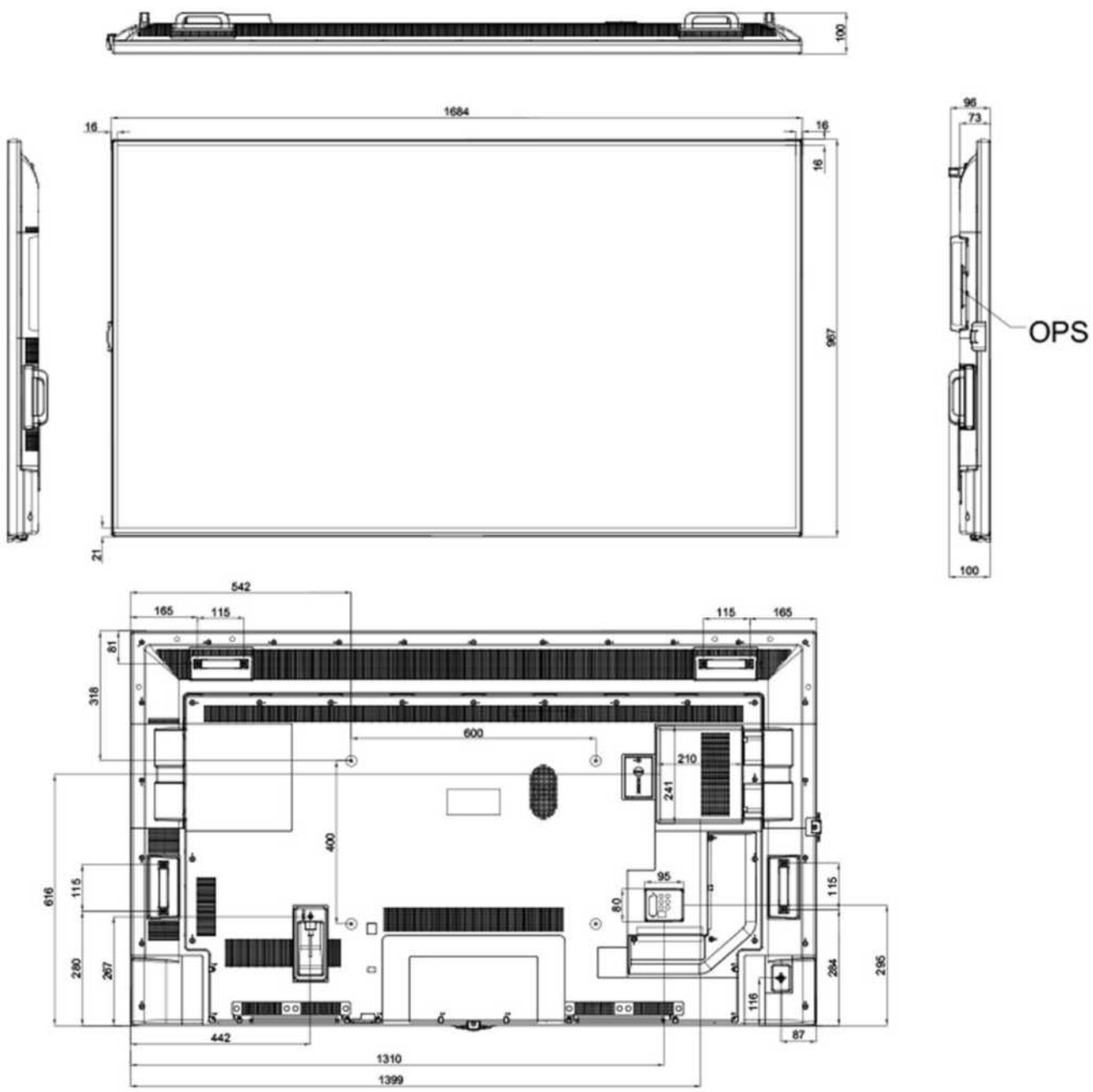
> HDR10 & 4K HDMI @60Hz
Screens supporting HDR10 allow HDR-based content to be displayed, resulting in a brighter and more dynamic image. This is further enhanced with support of 4K 60Hz, allowing the presentation of super crisp, fluid video content.

PROFESSIONAL DISPLAYS

164-7540 High Brightness 75'' professional display

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



PROFESSIONAL DISPLAYS

164-7540 High Brightness 75'' professional display

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

MAINBOARD	
Mainboard template	17MB135VS

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	Headphone, Optic SPDIF
External control	RS232(DE-9F), Ethernet(RJ45), Service(RJ12)
External Sensor	RJ12

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

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

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

ENERGY CONSUMPTION	
Typical	223 W
Deep Standby	≤0.5W

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

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

SECURITY	
Security	Yes
EMC certification	Yes
CE mark	Yes

PROFESSIONAL DISPLAYS

164-4370 / 164-5070 / 164-5570 High Brightness professional displays

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.

43”/ 50”/ 55”

24/7

4K UHD

700 cd/m²

FEATURES

> 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.

> 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.

> 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.

> 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.

> 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.

> 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.

> DAP (Dolby Audio Processing) Technology
Our screens deliver full sound performance using the latest DAP technology by Dolby. With integrated DAP technology, superior sound performance is achieved through intelligent audio equalisation, dialogue enhancements and surround sound upmixing.

> 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
Our integrated SoC is designed to avoid the marking of your display screen caused by showing a still image for an extended period of time. When this function is activated, the pixels on the screen move imperceptibly at regular intervals without disturbing your audience's viewing experience.

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

> 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.

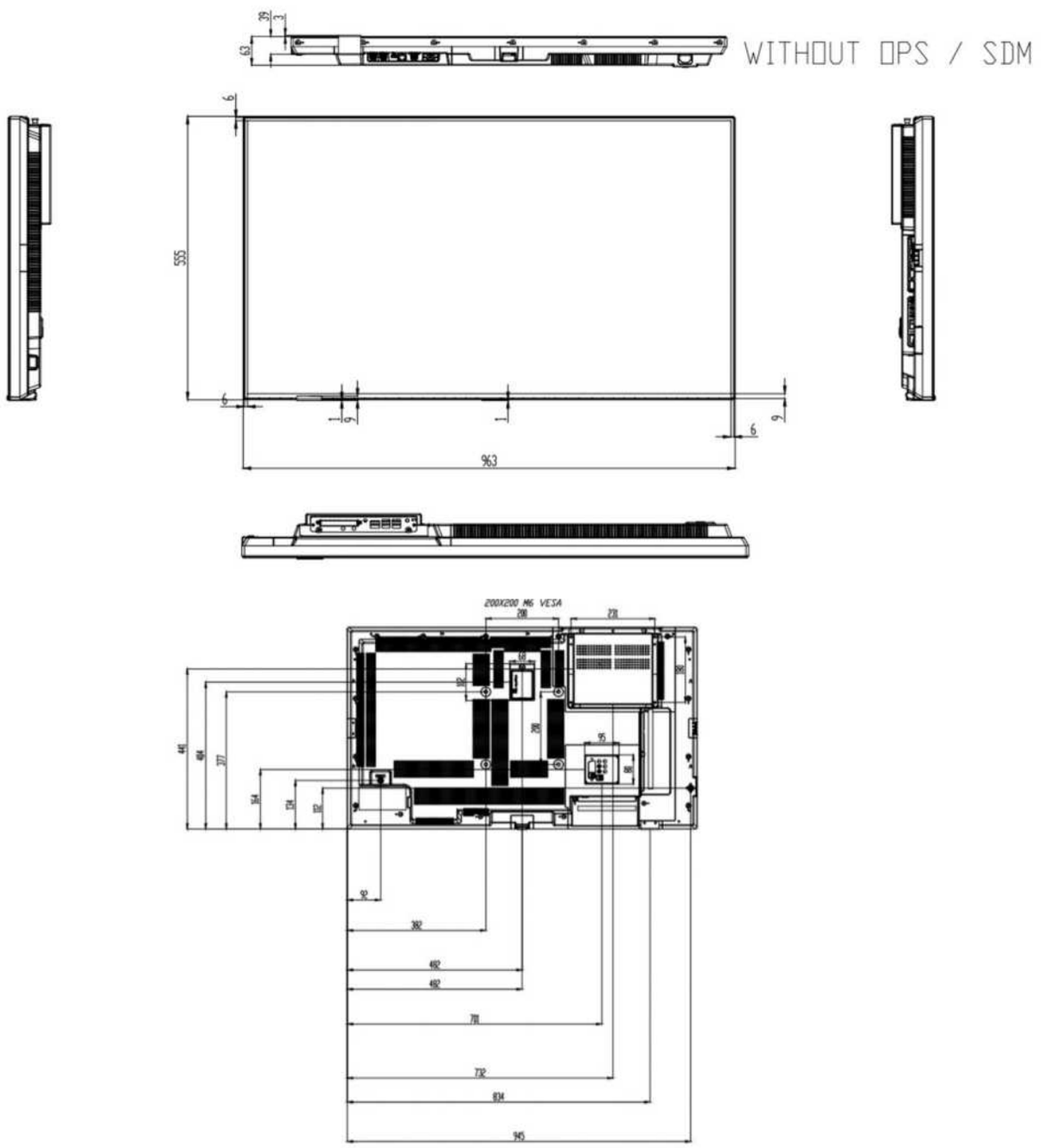
> Connection of External Devices
All of our monitors are equipped with HDMI CEC (Consumer Electronics Control) sockets to provide you with maximum convenience when using them. With a single move, you can set up and control your video-conferencing, screen sharing or external PC systems connected to the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

PROFESSIONAL DISPLAYS

164-4370 High Brightness 43'' professional display

Technical specifications	
Use	24/7
Size	43''
Resolution	4K UHD
Brightness	700 cd/m²
LED technology	Slim DLED
Bezel	B:9 | T:6 | L/R:6 mm
Depth	63 mm
Vesa	200x200 mm
Portrait mode	Yes
Haze level	1%
Frame	Plastic
Interface	HDMI 2.0/VGA/USB/DP1/RS232/RJ45/ RJ12/HP/Audio/Speaker

DIMENSIONS



PROFESSIONAL DISPLAYS

164-4370 High Brightness 43'' professional display

DATA SHEET

DISPLAY	
Size	43"
Backlight Type	Slim DLED
Brightness	700 cd/m²
Resolution	UHD : 3840 x 2160 (16:9) – HDR10
Contrast ratio	1200:1
Dynamic contrast ratio	70000:1
Display life (min.)	50000 h
Response time	8 ms
Active area (H x V)	941.184 mm (H) x 529.416 mm (V)
Viewing angle	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10
Colour value	1.07 B (10-bit)
Screen treatment	3 h
Haze level	1%
Refresh rate	60Hz
Orientation	Landscape / Portrait
Operation hours	24/7
Areas of usage	Indoor

MAINBOARD	
Mainboard template	17MB135VS

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

MECHANISM	
Product dimensions	963 x 63 x 555 mm
Packaging dimensions	1050 x 178 x 718 mm
Product weight	10.4 kg
Weight with packaging	13.5 kg
VESA	200 x 200 mm - M6
Bezel	B:9 | T:6 | L/R:6 mm

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

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

ENERGY CONSUMPTION	
Typical	128 W
Deep standby	≤0.5W

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, screen saver, pixel shift, scheduler, videowall support, remote control via LAN, real time clock
Mechanical specifications	Joystick, Rocker Switch, Detachable power cable, Detachable logo, Internal usb cover, 30 degrees tilting installation
Optional features	Embedded IR, IR extender option
Speaker	2 x 8 W

ACCESSORIES	
Standard	QSG, IB, power cord, remote control, RC Battery, mounting kit, IR extension cable

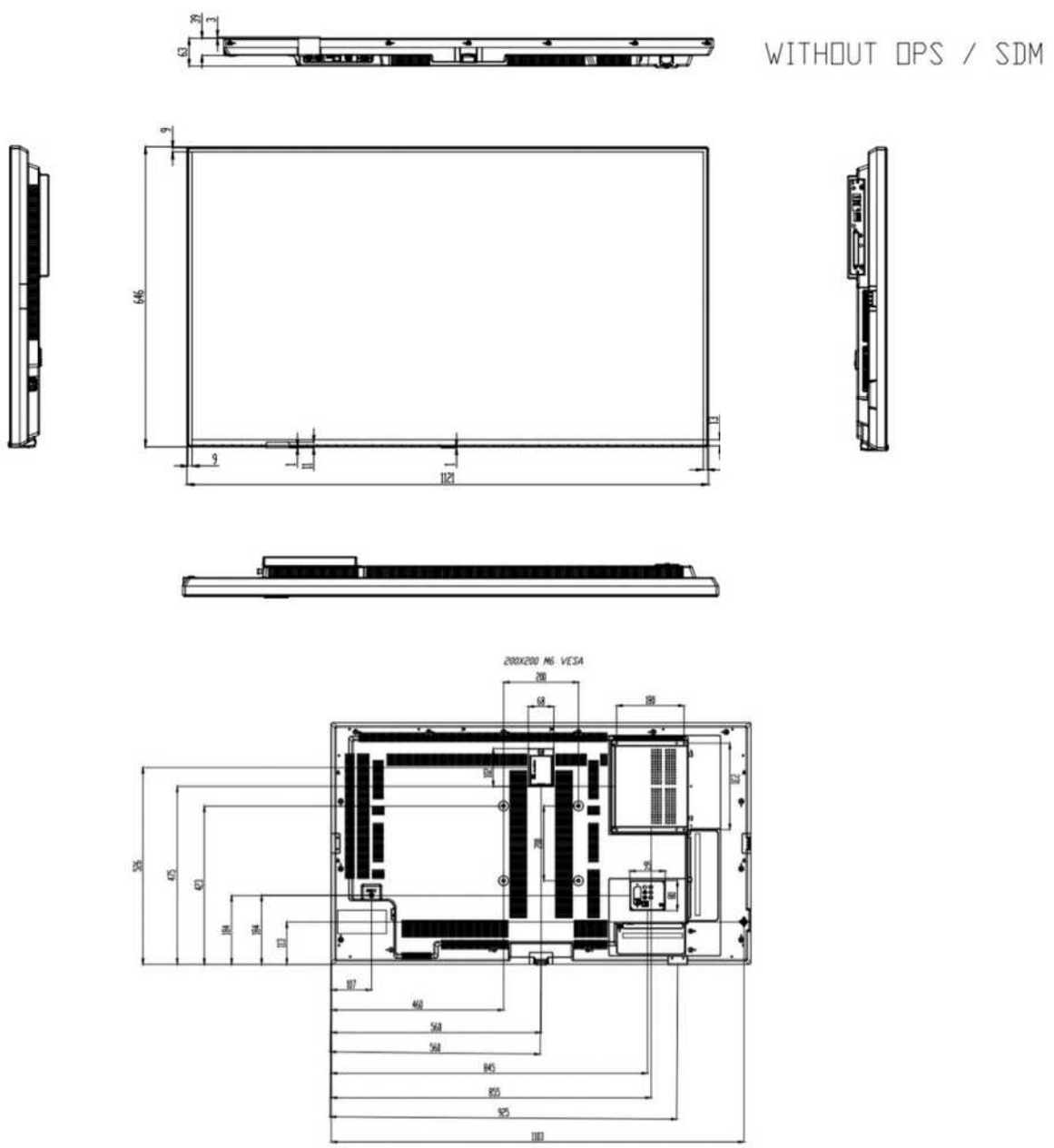
SECURITY	
Security	Yes
EMC certification	Yes
CE mark	Yes

PROFESSIONAL DISPLAYS

164-5070 High Brightness 50'' professional display

Technical specifications	
Use	24/7
Size	50''
Resolution	4K UHD
Brightness	700 cd/m²
LED technology	Slim DLED
Bezel	B:13 | T:9 | L/R:9 mm
Depth	63 mm
Vesa	200x200 mm
Portrait mode	Yes
Haze level	3%
Frame	Plastic
Interface	HDMI 2.0/VGA/USB/DP1/RS232/RJ45/ RJ12/HP/Audio/Speaker

DIMENSIONS



164-5070 High Brightness 50'' professional display

DATA SHEET

DISPLAY	
Size	50"
Backlight Type	Slim DLED
Brightness	700 cd/m²
Resolution	UHD : 3840 x 2160 (16:9) – HDR10
Contrast ratio	5000:1
Dynamic contrast ratio	70000:1
Display life (min.)	50000 h
Response time	9.5 ms
Active area (H x V)	1095.84 mm (H) x 616.41 mm (V)
Viewing angle	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10
Colour value	1.07 B (10-bit)
Screen treatment	3 h
Haze level	3%
Refresh rate	60Hz
Orientation	Landscape / Portrait
Operation hours	24/7
Areas of usage	Indoor

MAINBOARD	
Mainboard template	17MB135VS

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

MECHANISM	
Product dimensions	1121 x 63 x 646 mm
Packaging dimensions	1215 x 165 x 775 mm
Product weight	12.8 kg
Weight with packaging	16.8 kg
VESA	200 x 200 mm - M6
Bezel	B:13 | T:9 | L/R:9 mm

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

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

ENERGY CONSUMPTION	
Typical	128 W
Deep standby	≤0.5W

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, screen saver, pixel shift, scheduler, videowall support, remote control via LAN, real time clock
Mechanical specifications	Joystick, Rocker Switch, Detachable power cable, Detachable logo, Internal usb cover, 30 degrees tilting installation
Optional features	Embedded IR, IR extender option
Speaker	2 x 10 W

ACCESSORIES	
Standard	QSG, IB, power cord, remote control, RC Battery, mounting kit, IR extension cable

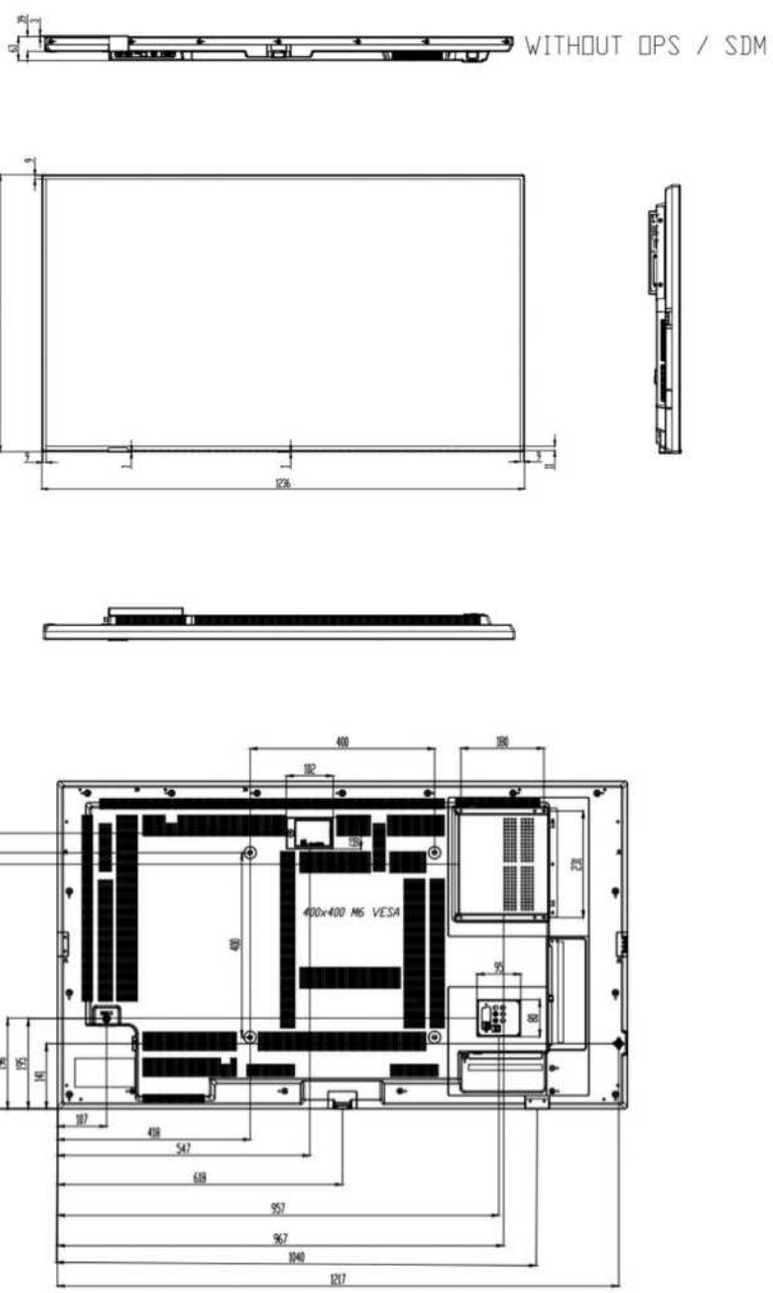
SECURITY	
Security	Yes
EMC certification	Yes
CE mark	Yes

PROFESSIONAL DISPLAYS

164-5570 High Brightness 55'' professional display

Technical specifications	
Use	24/7
Size	55''
Resolution	4K UHD
Brightness	700 cd/m²
LED technology	Slim DLED
Bezel	B:11 | T:9 | L/R:9 mm
Depth	63 mm
Vesa	400x400 mm
Portrait mode	Yes
Haze level	1%
Frame	Plastic
Interface	HDMI 2.0/VGA/USB/DP1/RS232/RJ45/ RJ12/HP/Audio/Speaker

DIMENSIONS



164-5570 High Brightness 55'' professional display

DATA SHEET

DISPLAY	
Size	55"
Backlight Type	Slim DLED
Brightness	700 cd/m²
Resolution	UHD : 3840 x 2160 (16:9) – HDR10
Contrast ratio	1200:1
Dynamic contrast ratio	70000:1
Display life (min.)	50000 h
Response time	8 ms
Active area (H x V)	1209.6 mm (H) x 680.4 mm (V)
Viewing angle	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10
Colour value	1.07 B (10-bit)
Screen treatment	3 h
Haze level	1%
Refresh rate	60Hz
Orientation	Landscape / Portrait
Operation hours	24/7
Areas of usage	Indoor

MAINBOARD	
Mainboard template	17MB135VS

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

MECHANISM	
Product dimensions	1236 x 63 x 709 mm
Packaging dimensions	1369 x 165 x 874 mm
Product weight	17 kg
Weight with packaging	22 kg
VESA	400 x 400 mm - M6
Bezel	B:11 | T:9 | L/R:9 mm

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

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

ENERGY CONSUMPTION	
Typical	144 W
Deep standby	≤0.5W

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, screen saver, pixel shift, scheduler, videowall support, remote control via LAN, real time clock
Mechanical specifications	Joystick, Rocker Switch, Detachable power cable, Detachable logo, Internal usb cover, 30 degrees tilting installation, overlay touch kit compatibility
Optional features	Embedded IR, IR extender option
SPeaker	2 x 10 W

ACCESSORIES	
Standard	QSG, IB, power cord, remote control, RC Battery, mounting kit, IR extension cable

SECURITY	
Security	Yes
EMC certification	Yes
CE mark	Yes

PROFESSIONAL DISPLAYS

164-5525 Ultra High Brightness 55'' professional display

55”

24/7

FULL HD

2500 cd/m²

FEATURES

> Ultra high brightness
This monitor has a very high brightness screen of 2500 cd/m², specially developed for public display. It offers a high quality display, no flickering, low radiation which greatly reduces eye fatigue, high brightness and contrast and a wide viewing angle.

> Utilisation
This very robust screen is intended for professional use. With its high brightness, it fits perfectly in a shop window and ensures a perfect readability of the image.

> USB drive with schedule
Equipped with a USB drive, this monitor allows you to plan the distribution of your content. This management is ideal for small businesses.

> 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.

PROFESSIONAL DISPLAYS

164-5525 Ultra High Brightness 55'' professional display

DATA SHEET

DISPLAY	
Size	55"
Screen Technology	TFT
Brightness	2500 cd/m²
Resolution	1920 x 1080 (16:9) - FHD
Contrast ratio	1400:1
Dynamic contrast ratio	70000:1
Display life (min.)	50000 h
Response time	6 ms
Viewing angle	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10
Colour value	1.07 B (10-bit)
Refresh rate	60Hz
Speakers	2 x 10 W
Orientation	Portrait / Landscape
Operation hours	24/7
Areas of usage	Indoor

MONITOR CONNECTIVITY	
Video input	HDMI x2, USB+SD
Video output	HDMI

MECHANISM	
Product dimensions	1269.5 x 749 x 62 mm
Packaging dimensions	1430 x 920 x 210 mm
Product weight	50 kg
Weight with packaging	55 kg
VESA	400 x 400 mm

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

CONSUMPTION	
Power supply	110 VAC - 240 VAC - 50/60 Hz
Energy consumption	230 W

ACCESSORIES	
Standard	Power Cord, Remote Control, Installation manual

SECURITY	
Security	Yes
EMC certification	Yes
CE mark	Yes

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KIMEX
ÉQUIPEMENTS AUDIOVISUELS

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