

VESTEL



Digital Signage
2017

Vestel Digital Signage



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Product Category	Available Sizes	Bezel Size	Resolution	OPS Optional	Touch Option	Portrait Mode	SOC Media Player
Commercial CD Series	32, 40, 50, 65	SNB	FHD	✓	✓	✓	-
Smart Signage ST Series	43, 49, 55, 65*	UNB	FHD	-	-	-	✓
Professional PD Series	43,49,55	UNB	FHD	-	-	✓	✓
Ultra HD 4K UH Series	43,49, 55, 65	UNB	UHD	-	-	-	✓
Video Wall VW Series	47*, 55	UNB	FHD	-	-	✓	✓
Totem TO Series	65	**	FHD	✓	-	✓	-
Interactive Flat Panel Display IFPD Series	65	**	FHD	✓	built-in	-	-
	75		FHD				
	84		UHD				

* For 65" bezel size is SNB ** Special bezel

Monitor Based Solutions



HDMI x 2



VGA



Audio



RS-232

SoC Based Solutions



HDMI Up to 3



Display Port



VGA



DVI



USB 2.0, 3.0



Audio Out



RJ45



RS-232



Internal USB



YPbPr



Audio In



IR Extender

OPS Modules



USB



Microphone



Audio



Wi-fi Antenna

B2B
Displays

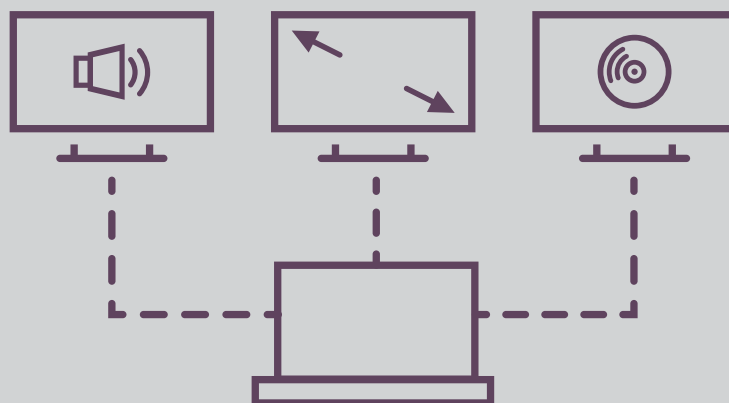
Vestel Signage Solutions

Vestel offers an expansive variety of cost-effective products and customized solutions, all of which can deliver exceptional value and quality. As a hardware manufacturer, we have added suitable software, which is easy to use and to configure.



Display Management

Giving you more freedom, Vestel's Signage products are extremely user-friendly, enabling you to manage the screens remotely via RS232 control, or via an Ethernet connection. This option is available for per-screen only.



Content+Display Management

To make your life even easier, we have created an integrated display and content management solution for all your digital signage requirements.



Display Management

- Contrast
- Brightness
- Colour
- Sharpness
- Volume
- Mute
- Settings
- Channel edit
- Source select
- Freeze
- Favourite Channel
- Position edit
- And many more...

Content+Display Management

- Layout design
- Campaign management
- Media support
- Scheduling
- Control multiple screens at once
- And many more...
- Plus direct device management capabilities

B2B
Displays



Content Management Solutions

Web-based solution: Android Monitor

We have also created an Android application for our plugin modules (OPS) which runs on Android OS. Our OPS powered monitors can now work as web screens, having the capacity to display information from multiple Websites. The supported platform is Android OPS.

Content management solution: Vsign

Whether you intend to manage content in-house or remotely via a third party service, Vestel offers the ultimate business solution with VSign Software. A scalable solution that fits a whole host of different requirements, VSign ensures that you can control many screens, using a wide range of features. Supported platforms include SoC, Windows, and Android OPS.



Web-based solution: Android Monitor



- Select multiple webpages' links for your android application (APK)
- Split your screens with different URLs.
- Schedule your content for different intervals.
- Run your APK to display content on Web.
- Control your displays remotely
- Reports for proof-of-play information.

Content management solution: Vsign



- Compatible with Windows, Android or SoC Platform of Vestel Displays.
- Wide range of multimedia support
- Incorporate live satellite, cable, camera feed, etc.-
- Flexible layout choice.
- Multiple scheduling capabilities
- Analysis of monitors' efficiency.
- Reports on proof-of-play.
- Cloud Hosting or on premise support



VSign SoC Client

- Compatible with our ST, PD and UH Series.
- Basic features are available.

VSign Android Client

- Compatible with Android OPS monitors in CD Series.
- Offers more powerful content management features.

VSign Windows Client

- Compatible with Windows OPS monitors in CD Series.
- Offers full range of content management features.

VSign Software

B2B
Displays



Basic Features



Web-Based Service

With our fully web-based signage solution, you can access your management platform from anywhere and at any time. You can either implement the solution using your own servers or through those of a third party content management partner.



Media Support

We support most of the media that you're likely to use and in a wide range of formats. With Vestel's solution, you can access, display and run everything from images, videos and audio documents to RSS feeds, web pages and powerpoint files.



Multiple customized screens

Create and manage as many customized template designs as you like, assigning different content and scheduling times for each one of them.



Scheduling capability

Schedule specific content for a single screen or a larger campaign for multiple displays. You even have the option of priority scheduling for any time-sensitive messaging.



User groups

Manage your signage content more effectively and securely by creating different groups of users, each with its own permission levels for creating and scheduling your media.



Compatibility

Our system is compatible with multiple platforms, including Android, Windows and Linux and the System-on-Chips in our own monitors.



VESTEL ST Series Smart Signage Displays

43", 49", 55", and 65"

Designed with SoC Technology, Vestel ST Series' Digital Signage Platform is an integrated entry level platform for displaying media content as a PC-less solution.



System-On-Chip for Content Management

Designed with quad core SoC technology (System on Chip), these displays can be used as digital signage monitors for both offline and cloud-based managed content. This means that you can rely on various content management systems to help display your advertising.

System on Chip specs						
Cpu Speed / DMIPS	L2 Cache	DDR Config / Speed	Memory Support	GPU	USB Support	UHD Support
1 Ghz / 4600	512 KB	DDR3-64 bit / 2.13 Ghz	1 x 4 GB	Mali 450 MP4	USB 2.0 / USB 3.0	Yes

External Device Connections

You may want to connect your teleconference system, screen sharing system, set-top box or external PCs via an HDMI port. To this end, our monitors offer HDMI CEC (Consumer Electronics Control) and HDMI Hotplug capabilities.



USB Auto-Play

To make it easy to display any media on screen, the monitors' SoC software offers the option of a USB Auto-play feature, which can automatically show all your photos and video content.



Built for Connectivity

Due to their wireless capabilities, the displays can easily gather content without any external device. Moreover, their WiFi connection enables you to use Miracast for screen sharing.

Subtle Design

Making your advertising the focus of attention, these displays are designed with minimalist, ultra-narrow bezels – the slimmest in our range.

Daisy Chain

Mirror content across multiple displays, using a single connection between every two devices. Offering both DisplayPort input and output, these daisy-chainable monitors can be set up as a video wall.

Open Platform Support

Our SoC supports API (Application Programming Interface) for solution providers/integrators to develop and integrate any HTML5-based application to be installed and used on our displays.

Brightness / Operational Time

The professional panels used for this series are quality confirmed to operate 16 hours a day. Ideal for use in harshly lit environments, the displays also come with brightness levels of 400 Nits.

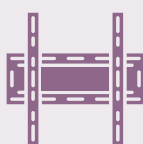
Components



Quick start guide



Instruction manual



Wall mounting kit



IR extender



Batteries for remote controllers



Remote controller

Connectivity

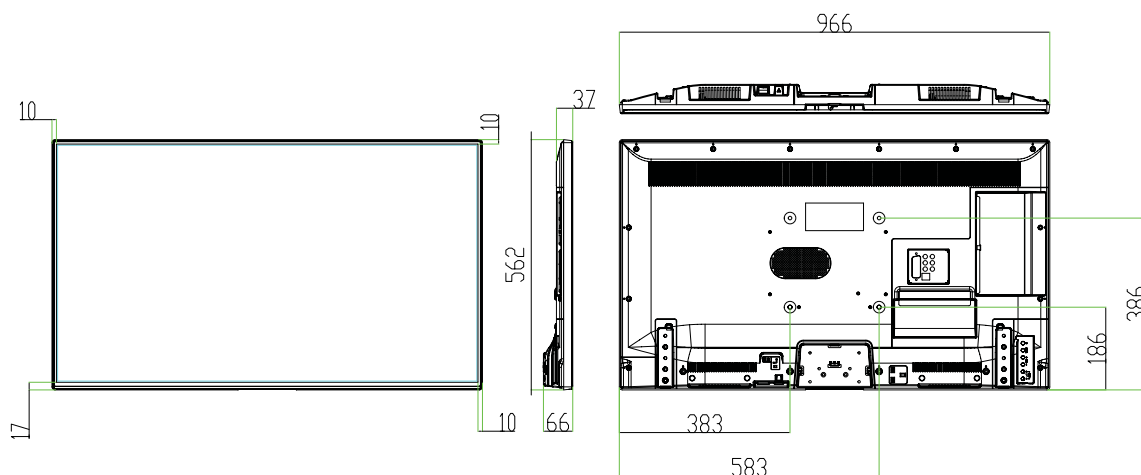


	ST43U01	ST49U01	ST55U01	ST65S02
	Panel			
Mainboard Model	System-On-Chip Model: 17MB120DS	System-On-Chip Model: 17MB120DS	System-On-Chip Model: 17MB120DS	System-On-Chip Model: 17MB120DS
H-Freq	67.5 KHz	67.5 KHz	67.5 KHz	67.5 KHz
Max. Pixel Freq.	74.25 MHz	74.25 MHz	74.25 MHz	74.25 MHz
V-Freq	60 Hz	60 Hz	60 Hz	60 Hz
Size	43"	49"	55"	65"
Backlight Type	EDGE TYPE LED	EDGE TYPE LED	EDGE TYPE LED	EDGE TYPE LED
Panel Technology	IPS	IPS	IPS	IPS
Panel Type	16/7 Panel	16/7 Panel	16/7 Panel	16/7 Panel
Front Type	Ultra Narrow Bezel	Ultra Narrow Bezel	Ultra Narrow Bezel	Super Narrow Bezel
Orientation	Horizontal	Horizontal	Horizontal	Horizontal
Resolution	1920 x 1080 (16:9) - FHD	1920 x 1080 (16:9) - FHD	1920 x 1080 (16:9) - FHD	1920 x 1080 (16:9) - FHD
Active Area	942 mm(H) x 530 mm (V)	1054 mm (H) x 593 mm (V)	1210 mm (H) X 681 mm (V)	1430mm (H) X 804mm (V)
Brightness (Typ.)	400 cd/m2	400 cd/m2	400 cd/m2	400 cd/m2
Contrast Ratio (Typ.)	1200	1200	1200	1200
Panel life time (Min. / Typ.)	30000 / 50000 Hr	30000 / 50000 Hr	30000 / 50000 Hr	30000 / 50000 Hr
Viewing Angle	178°	178°	178°	178°
Response Time	6 ms	6 ms	6 ms	8 ms
Color Value	8 Bit, 16.7 M Colors	8 Bit, 16.7 M Colors	8 Bit, 16.7 M Colors	10 Bit, 10.7 B Colors
Areas of Usage	Indoor	Indoor	Indoor	Indoor
	Monitor Connectivity			
RGB Input	Dsub 15 PIN VGA CON., YPbPr	Dsub 15 PIN VGA CON., YPbPr	Dsub 15 PIN VGA CON., YPbPr	Dsub 15 PIN VGA CON., YPbPr
RGB Output	N/A	N/A	N/A	N/A
VIDEO Input	2xHDMI2.0, DP1.2a, DVI, 1xUSB3.0, 1xUSB2.0	2xHDMI2.0, DP1.2a, DVI, 1xUSB3.0, 1xUSB2.0	2xHDMI2.0, DP1.2a, DVI, 1xUSB3.0, 1xUSB2.0	2xHDMI2.0, DP1.2a, DVI, 1xUSB3.0, 1xUSB2.0
VIDEO Output	DP1.2a	DP1.2a	DP1.2a	DP1.2a
AUDIO Input	LINE IN JACK	LINE IN JACK	LINE IN JACK	LINE IN JACK
AUDIO Output	LINE OUT JACK	LINE OUT JACK	LINE OUT JACK	LINE OUT JACK
External Control	RS232(DSUB 9P), RJ12, Ethernet	RS232(DSUB 9P), RJ12, Ethernet	RS232(DSUB 9P), RJ12, Ethernet	RS232(DSUB 9P), RJ12, Ethernet
External Sensor	N/A	N/A	N/A	N/A
	Mechanical Features			
Size	966 mm(L) x 562 mm(H) x 66 mm(D)	1100 mm(L) x 636 mm(H) x 66 mm(D)	1239 mm(L) x 716 mm(H) x 67 mm(D)	1460 mm(L) x 838 mm(H) x 50 mm(D)
Shipping Size	1085 mm(L) x 135 mm(W) x 775 mm(H)	1195 mm(L) x 145 mm(W) x 775 mm(H)	1369 mm(L) x 145 mm(W) x 874 mm(H)	1620 mm(L) x 1006 mm(H) x 165 mm(W)
Weight	13 KG	15.9 KG	19.3 KG	36,5 Kg
Shipping Weight	14.5 KG	17.9 KG	22.3 KG	39,5 Kg
Vesa Mounting Size	200 mm(H)x 200 mm(V)	200 mm(H)x 200 mm(V)	400 mm(H)x 400 mm(V)	400 mm(H)x 400 mm(V)
Bezel Width(Bottom-Side-Top)	17 mm / 10 mm / 10 mm	17 mm / 10 mm / 10 mm	18mm / 11 mm	18 mm / 15mm
	Working Conditions			
Temperature Conditions	+40°C / 0°C	+40°C / 0°C	+40°C / 0°C	+40°C / 0°C
Humidity	90%	90%	90%	90%
	Features			
Main Features	Open Content Management Support, Scheduler, USB-Autoplay, Auto-Launch, HDMI-CEC, HDMI-Hotplug, Auto-switch on Failover, Panel Lock	Open Content Management Support, Scheduler, USB-Autoplay, Auto-Launch, HDMI-CEC, HDMI-Hotplug, Auto-switch on Failover, Panel Lock	Open Content Management Support, Scheduler, USB-Autoplay, Auto-Launch, HDMI-CEC, HDMI-Hotplug, Auto-switch on Failover, Panel Lock	Open Content Management Support, Scheduler, USB-Autoplay, Auto-Launch, HDMI-CEC, HDMI-Hotplug, Auto-switch on Failover, Panel Lock
Mechanical Features	Mechanical Buttons, IR Extender Support	Mechanical Buttons, IR Extender Support	Mechanical Buttons, IR Extender Support	Mechanical Buttons, IR Extender Support
Speaker	2 x 10 W	2 x 10 W	2 x 10 W	2 x 12 W
	Power			
Power Supply	110 VAC - 240 VAC	110 VAC - 240 VAC	110 VAC - 240 VAC	110 VAC - 240 VAC
Power Consumption (Deep StandBy)	≤0.5W	≤0.5W	≤0.5W	≤0.5W
Power Consumption (On Full Load)	88W	91W	107W	175W
	Accessory			
Standard	Quick Start Guide, Instruction Manual, Power Cord, Remote Control, RC Battery	Quick Start Guide, Instruction Manual, Power Cord, Remote Control, RC Battery	Quick Start Guide, Instruction Manual, Power Cord, Remote Control, RC Battery	Quick Start Guide, Instruction Manual, Power Cord, Remote Control, RC Battery
	Certification			
Safety Approval	✓	✓	✓	✓
CB	✓	✓	✓	✓
S-MARK	✓	✓	✓	✓
EMC Approval	✓	✓	✓	✓
CE	✓	✓	✓	✓
Reliability Approval	✓	✓	✓	✓

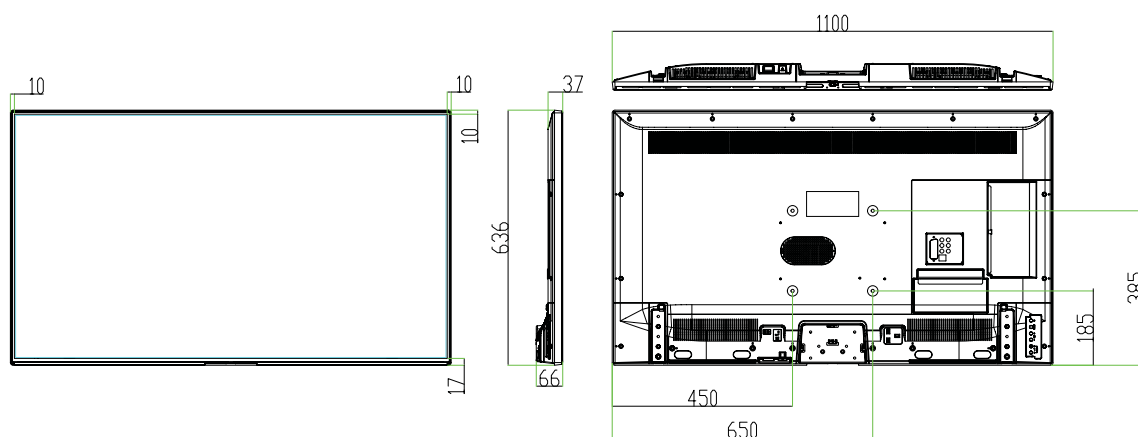
* Specifications and features are subject to change without prior notice.



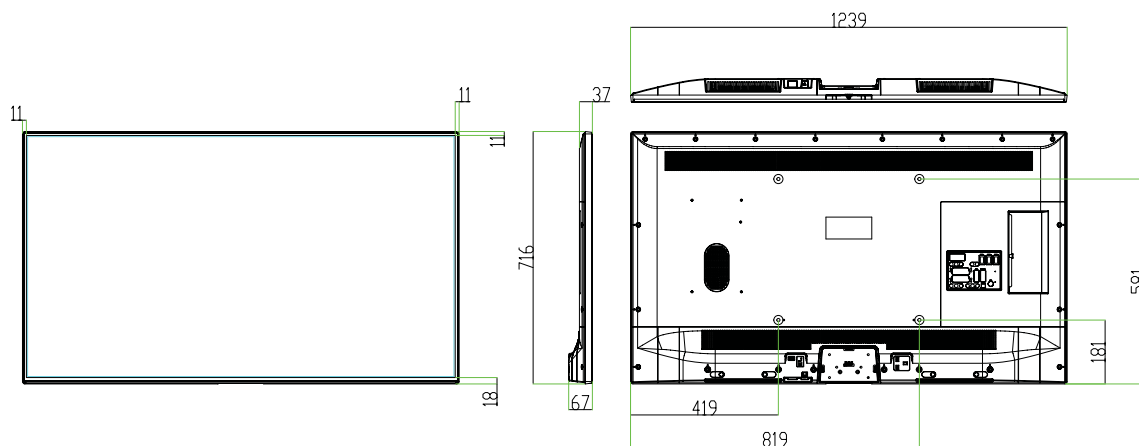
43"



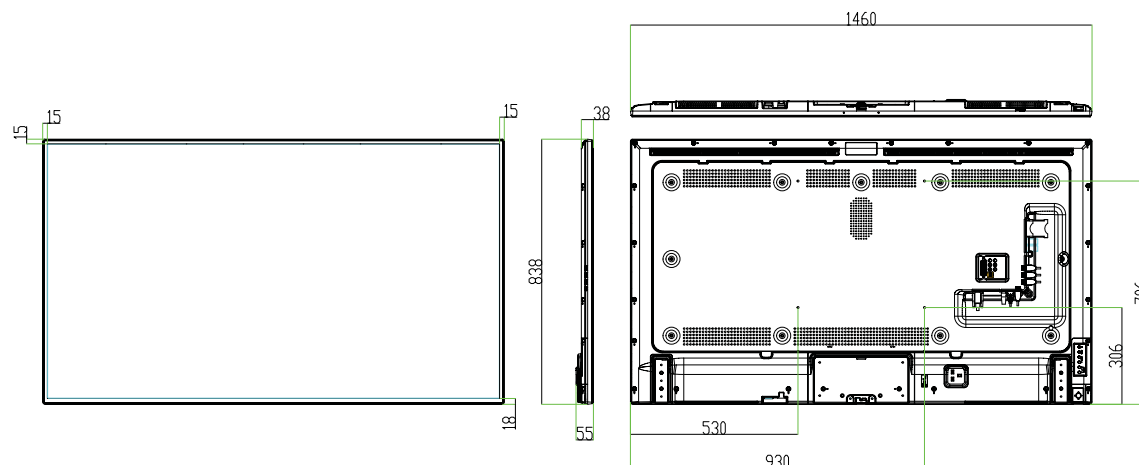
49"



55"



65"

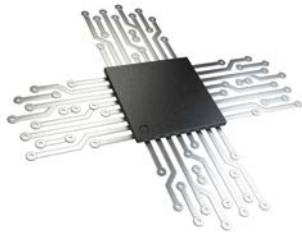




VESTEL **PD Series** Professional

43", 49", and 55"

Meet our first generation of high end Professional Displays. This powerful, all-in one signage solution enables you to create your own signage content without any additional software or expensive hardware.



SoC Content Management

Designed with quad core SoC technology (System on Chip), these displays can be used as digital signage monitors for both offline and cloud-based managed content. This means that you can rely on various content management systems to help display your advertising.



Operation Time Support / Brightness Level

Professional panels used for this series are quality confirmed to operate 24 hours a day without any issues. Offering virtually limitless operation, these high quality screens come with brightness levels of 400 Nits, which make them ideal for harshly lit environments.



Subtle Design

Making your advertising the focus of attention, these displays are designed with minimalist, ultra-narrow bezels – the slimmest in our range.

RS-232



Display Control

With a LAN connection, you can use RS232 commands to update your displays from anywhere and at any time. You can change/set the volume, turn the monitor on/off or set a schedule for content display. Using RS232 control, you can also set a webpage for display or create a wide range of commands in real-time.

Image Orientation

SoC Software lets you choose the orientation of the display menu easily. This feature is important for portrait usage of our professional panel monitors.

Source Switching

It is made available to set any Source on start-up of the display. It can also be switched on any other signal source using scheduler and failover scenarios. Maximizing the user experience, it ensures more freedom of control.

External Device Connection

You may want to connect your teleconference system, screen sharing system, set-top box or external PCs via an HDMI port. To this end, our monitors offer HDMI CEC (Consumer Electronics Control) and HDMI Hotplug capabilities.

Auto Launch

We have made it easy to give any HTML5-based application link to the display within the SoC software. It's because of this that the display can start with any given link. Customers can choose to use either an offline or an online application.

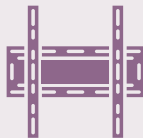
Components



Quick start guide



Instruction manual



Wall mounting kit



IR extender



Batteries for remote controllers



Remote controller

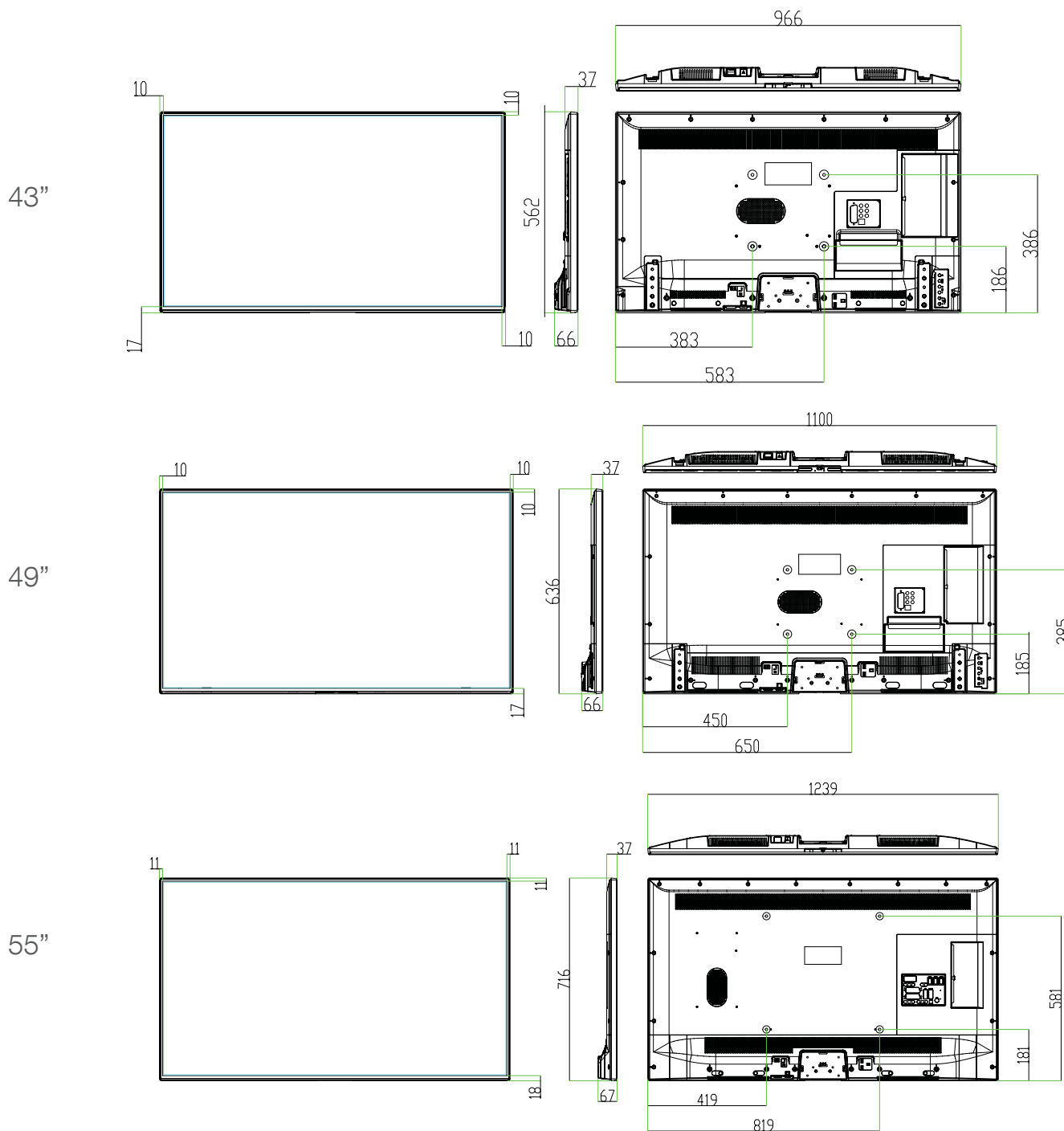
Connectivity



	PD43U01	PD49U01	PD55U01
Panel			
Mainboard Model	System-On-Chip Model: 17MB120DS	System-On-Chip Model: 17MB120DS	System-On-Chip Model: 17MB120DS
H-Freq	67.5 KHz	67.5 KHz	67.5 KHz
Max. Pixel Freq.	74.25 MHz	74.25 MHz	74.25 MHz
V-Freq	60 Hz	60 Hz	60 Hz
Size	43"	49"	55"
Backlight Type	EDGE TYPE LED	EDGE TYPE LED	EDGE TYPE LED
Panel Technology	IPS	IPS	IPS
Panel Type	24/7 Panel	24/7 Panel	24/7 Panel
Front Type	Ultra Narrow Bezel	Ultra Narrow Bezel	Ultra Narrow Bezel
Orientation	Horizontal / Vertical	Horizontal / Vertical	Horizontal / Vertical
Resolution	1920 x 1080 (16:9) - FHD	1920 x 1080 (16:9) - FHD	1920 x 1080 (16:9) - FHD
Active Area	942 mm(H) x 530 mm (V)	1054 mm (H) x 593 mm (V)	1210 mm (H) X 681 mm (V)
Brightness (Typ.)	400 cd/m2	400 cd/m2	400 cd/m2
Contrast Ratio (Typ.)	1200	1200	1200
Panel life time (Min. / Typ.)	30000 / 50000 Hr	30000 / 50000 Hr	30000 / 50000 Hr
Viewing Angle	178°	178°	178°
Response Time	6 ms	6 ms	6 ms
Color Value	8 Bit, 16.7 M Colors	8 Bit, 16.7 M Colors	8 Bit, 16.7 M Colors
Areas of Usage	Indoor	Indoor	Indoor
Monitor Connectivity			
RGB Input	Dsub 15 PIN VGA CON., YPbPr	Dsub 15 PIN VGA CON., YPbPr	Dsub 15 PIN VGA CON., YPbPr
RGB Output	N/A	N/A	N/A
VIDEO Input	2xHDMI2.0, DP1.2a, DVI, 1xUSB3.0, 1xUSB2.0	2xHDMI2.0, DP1.2a, DVI, 1xUSB3.0, 1xUSB2.0	2xHDMI2.0, DP1.2a, DVI, 1xUSB3.0, 1xUSB2.0
VIDEO Output	DP1.2a	DP1.2a	DP1.2a
AUDIO Input	LINE IN JACK	LINE IN JACK	LINE IN JACK
AUDIO Output	LINE OUT JACK	LINE OUT JACK	LINE OUT JACK
External Control	RS232(DSUB 9P), RJ12, Ethernet	RS232(DSUB 9P), RJ12, Ethernet	RS232(DSUB 9P), RJ12, Ethernet
External Sensor	N/A	N/A	N/A
Mechanical Features			
Size	966 mm(L) x 562 mm(H) x 66 mm(D)	1100 mm(L) x 636 mm(H) x 66 mm(D)	1239 mm(L) x 716 mm(H) x 67 mm(D)
Shipping Size	1085 mm(L) x 135 mm(W) x 775 mm(H)	1195 mm(L) x 145 mm(W) x 775 mm(H)	1369 mm(L) x 145 mm(W) x 874 mm(H)
Weight	13 KG	15.9 KG	19.3 KG
Shipping Weight	14.5 KG	17.9 KG	22.3 KG
Vesa Mounting Size	200 mm(H)x 200 mm(V)	200 mm(H)x 200 mm(V)	400 mm(H)x 400 mm(V)
Bezel Width(Bottom-Side-Top)	17 mm / 10 mm / 10 mm	17 mm / 10 mm / 10 mm	18mm / 11 mm
Working Conditions			
Temperature Conditions	+40°C / 0°C	+40°C / 0°C	+40°C / 0°C
Humidity	90%	90%	90%
Features			
Main Features	Open Content Management Support, Scheduler, USB-Autoplay, Auto-Launch, HDMI-CEC, HDMI-Hotplug, Auto-switch on Failover, Panel Lock	Open Content Management Support, Scheduler, USB-Autoplay, Auto-Launch, HDMI-CEC, HDMI-Hotplug, Auto-switch on Failover, Panel Lock	Open Content Management Support, Scheduler, USB-Autoplay, Auto-Launch, HDMI-CEC, HDMI-Hotplug, Auto-switch on Failover, Panel Lock
Mechanical Features	Mechanical Buttons, IR Extender Support	Mechanical Buttons, IR Extender Support	Mechanical Buttons, IR Extender Support
Speaker	2 x 10 W	2 x 10 W	2 x 10 W
Power			
Power Supply	110 VAC - 240 VAC	110 VAC - 240 VAC	110 VAC - 240 VAC
Power Consumption(Deep StandBy)	≤0.5W	≤0.5W	≤0.5W
Power Consumption(On Full Load)	88W	91W	107W
Accessory			
Standard	QSG, Warranty Card, IB, Power Cord, Remote Control, RC Battery, Mounting Kit	QSG, Warranty Card, IB, Power Cord, Remote Control, RC Battery, Mounting Kit	QSG, Warranty Card, IB, Power Cord, Remote Control, RC Battery, Mounting Kit
Certification			
Safety Approval	✓	✓	✓
CB	✓	✓	✓
S-MARK	✓	✓	✓
EMC Approval	✓	✓	✓
CE	✓	✓	✓
Reliability Approval	✓	✓	✓

* Specifications and features are subject to change without prior notice.







VESTEL STM Series Smart Signage Gen.2

43", 49", and 55"

To maximize your user experience, this series offers many digital signage specific features. The SoC-based OPS-compliant displays not only provide 16/7 operation, but also brightness levels of 400 Nits.



Operation Time Support / Brightness Level

Professional Panels used with this series are quality confirmed to operate 16 hours a day without any issues. Furthermore, these high quality screens come with brightness levels of 400 Nits, which make them ideal for harshly lit environments.



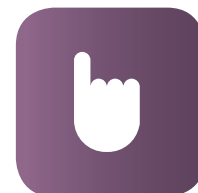
Scheduler

Digital Signage Monitor Software provides many important features, such as the Scheduler function, which remotely turns your display on and off at whatever time you pre-select. With this feature, you'll never have to worry about the status of your displays again.



SoC / HTML Application

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.



Touch Support

Our high clarity Infrared (IR) touch screens are compatible with this series. Designed for user-friendliness, these interactive smart displays can be used with gloved or wet hands. They can also offer longer-lasting operation, requiring no pressure to be applied, in order to make them touch-responsive. Furthermore, the design makes it easy for anyone to overlay the touch screen on the display.

Subtle Design

Making your advertising the focus of attention, these displays are designed with minimalist, ultra-narrow bezels – the slimmest in our range. Offering a digital signage specific design, they also offer an internal USB cover and OPS-slot as well as a detachable power plug, carrying handles and an IR extender.

OPS Support

All our products in this series offer compliance with OPS (Open Pluggable Standard). Offering enhanced processing power, OPS gives you the freedom to choose either Windows or Android – whichever operating system best suits your specific application.

Built-in Connectivity

This series features wired and wireless connectivity such as embedded WiFi and Bluetooth. Due to their wireless capabilities, the displays can easily gather content without any external device. Moreover, their WiFi connection enables you to use Miracast for screen sharing.

Open Platform Support

Our SoC supports API (Application Programming Interface) for solution providers/integrators to develop and integrate any HTML5-based application to be installed and used on our displays.

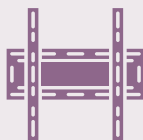
Components



Quick start guide



Instruction manual



Wall mounting kit



IR extender

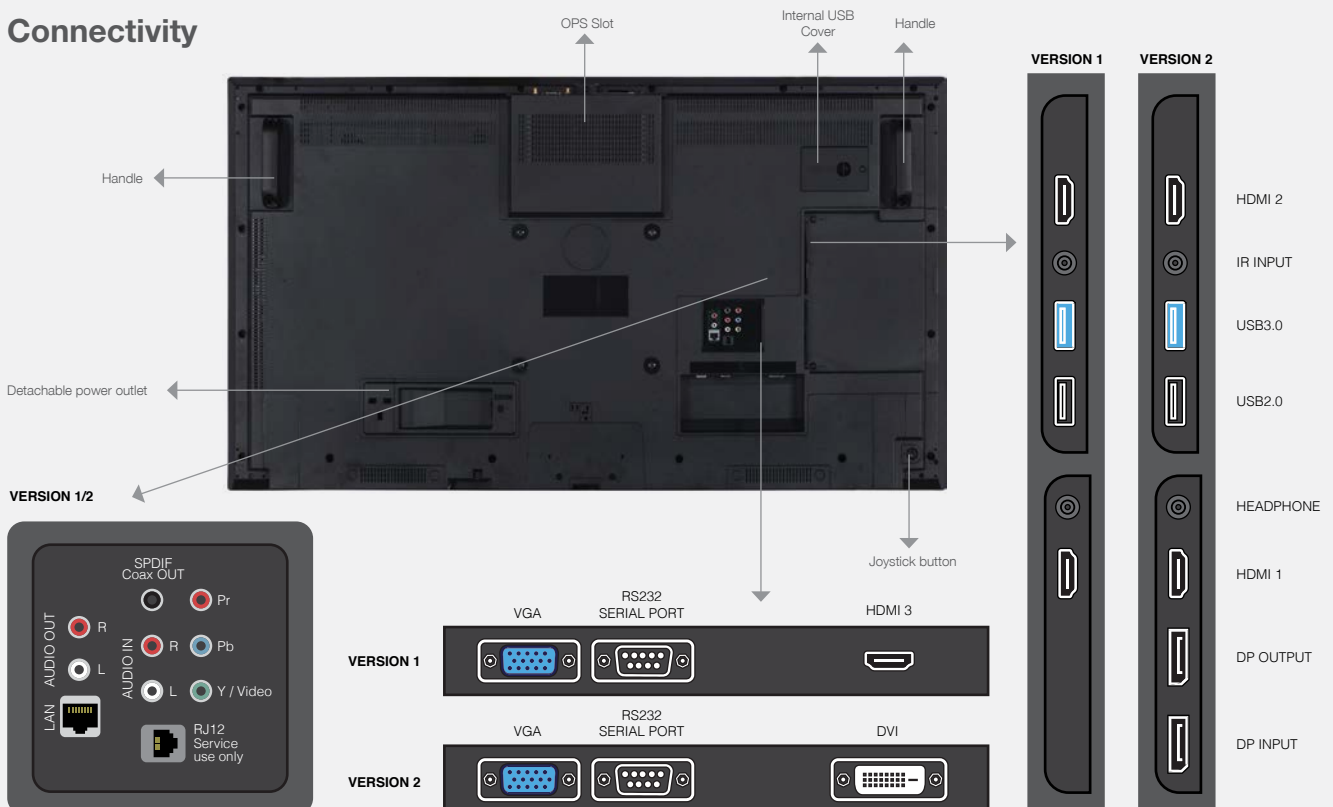


Batteries for remote controllers



Remote controller

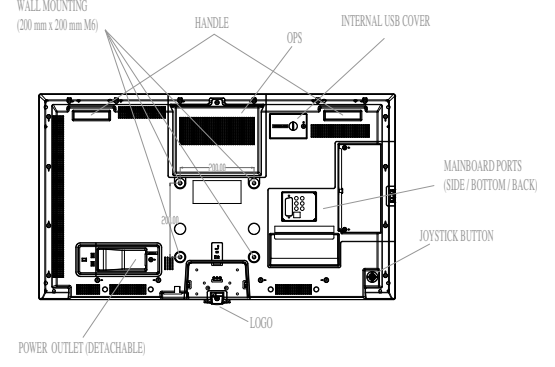
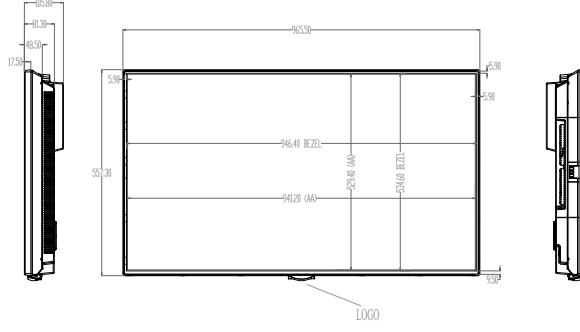
Connectivity



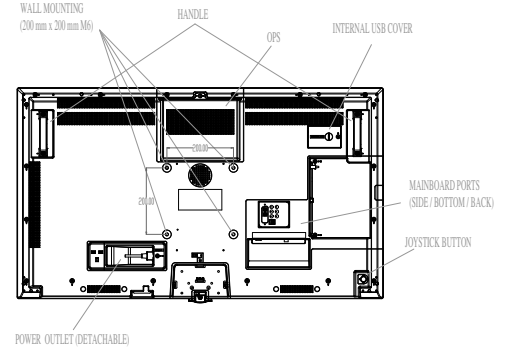
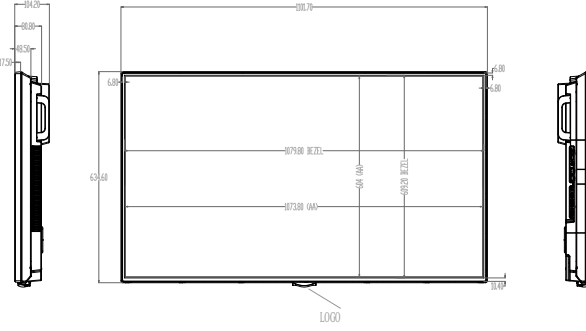
	STM43UG02	STM49UG02	STM55UG02
	Panel		
Mainboard Model	System-On-Chip Model: 17MB120DS	System-On-Chip Model: 17MB120DS	System-On-Chip Model: 17MB120DS
H-Freq	67.5 KHz	67.5 KHz	67.5 KHz
Max. Pixel Freq.	74.25 MHz	74.25 MHz	74.25 MHz
V-Freq	60 Hz	60 Hz	60 Hz
Size	43"	49"	55"
Backlight Type	DLED	DLED	DLED
Panel Technology	IPS	IPS	IPS
Panel Type	16/7 Panel	16/7 Panel	16/7 Panel
Front Type	Ultra Narrow Bezel	Ultra Narrow Bezel	Ultra Narrow Bezel
Orientation	Horizontal	Horizontal	Horizontal
Resolution	1920 x 1080 (16:9) - FHD	1920 x 1080 (16:9) - FHD	1920 x 1080 (16:9) - FHD
Active Area	941 mm(H) x 530 mm (V)	1073.8 mm (H) x 604 mm (V)	1210 mm (H) x 681 mm (V)
Brightness (Typ.)	400 cd/m2	400 cd/m2	400 cd/m2
Contrast Ratio (Typ.)	1200	1200	1200
Panel life time (Min. / Typ.)	30000 / 50000 Hr	30000 / 50000 Hr	30000 / 50000 Hr
Viewing Angle	178°	178°	178°
Response Time	8 ms	6 ms	9 ms
Color Value	8 Bit, 16.7 M Colors	8 Bit, 16.7 M Colors	8 Bit, 16.7 M Colors
Areas of Usage	Indoor	Indoor	Indoor
Areas of Usage	Indoor	Indoor	Indoor
	Monitor Connectivity		
RGB Input	Dsub 15 PIN VGA CON., YPbPr	Dsub 15 PIN VGA CON., YPbPr	Dsub 15 PIN VGA CON., YPbPr
RGB Output	N/A	N/A	N/A
VIDEO Input	2xHDMI2.0, DP1.2a, DVI, 1xUSB3.0, 1xUSB2.0	2xHDMI2.0, DP1.2a, DVI, 1xUSB3.0, 1xUSB2.0	2xHDMI2.0, DP1.2a, DVI, 1xUSB3.0, 1xUSB2.0
VIDEO Output	DP1.2a	DP1.2a	DP1.2a
AUDIO Input	LINE IN JACK	LINE IN JACK	LINE IN JACK
AUDIO Output	LINE OUT JACK	LINE OUT JACK	LINE OUT JACK
External Control	RS232(DSUB 9P), RJ12, Ethernet	RS232(DSUB 9P), RJ12, Ethernet	RS232(DSUB 9P), RJ12, Ethernet
External Sensor	N/A	N/A	N/A
	Mechanical Features		
Size	966 mm(L) x 557 mm(H) x 106 mm(D)	1102mm (L) x 635mm (H) x 104mm (D)	1238mm (L) x 712mm (H) x 104mm (D)
Shipping Size	1050 mm(L) x 178 mm(W) x 718 mm(H)	1215mm (L) x 775mm (H) x 165mm (D)	1369mm (L) x 874mm (H) x 165mm (D)
Weight	10.5 KG	13.5 KG	17.5 KG
Shipping Weight	14.5 KG	17.5 KG	22 KG
Vesa Mounting Size	200 mm(H)x 200 mm(V) M6	200 mm(H)x 200 mm(V) M6	400 mm(H)x 200 mm(V) M6
Bezel Width(Bottom-Side-Top)	13 mm / 10 mm / 9 mm	15mm / 11 mm / 11 mm	14 mm / 11 mm / 11 mm
	Working Conditions		
Temperature Conditions	+40°C / 0°C	+40°C / 0°C	+40°C / 0°C
Humidity	90%	90%	90%
	Features		
Main Features	Open Content Management Support, Scheduler, USB-Autoplay, Auto-Launch, HDMI-CEC, HD-MI-Hotplug, Auto-switch on Failover, Panel Lock	Open Content Management Support, Scheduler, USB-Autoplay, Auto-Launch, HDMI-CEC, HD-MI-Hotplug, Auto-switch on Failover, Panel Lock	Open Content Management Support, Scheduler, USB-Autoplay, Auto-Launch, HDMI-CEC, HD-MI-Hotplug, Auto-switch on Failover, Panel Lock
Mechanical Features	Joystick, IR Extender Support, Rocker Switch, Detachable power cable, Carrying slots, Detachable logo positioning, Internal usb cover, Cable Holder	Joystick, IR Extender Support, Rocker Switch, Detachable power cable, Carrying slots, Detachable logo positioning, Internal usb cover, Cable Holder	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	OPS Compliance, IR Overlay Touch Compliance	OPS Compliance, IR Overlay Touch Compliance
Speaker	2 x 8 W	2 x 8 W	2 x 8 W
	Power		
Power Supply	110 VAC - 240 VAC	110 VAC - 240 VAC	110 VAC - 240 VAC
Power Consumption(Off)	≤0.5W	≤0.5W	≤0.5W
Power Consumption(Active-StandBy)	14 W	14 W	14 W
Power Consumption(On)	44 W	50 W	54 W
	Accessory		
Standard	QSG, Warranty Card, IB, Power Cord, Remote Control, RC Battery, Mounting Kit, Extension Brackets, IR Extender Cable	QSG, Warranty Card, IB, Power Cord, Remote Control, RC Battery, Mounting Kit, Extension Brackets, IR Extender Cable	QSG, Warranty Card, IB, Power Cord, Remote Control, RC Battery, Mounting Kit, Extension Brackets, IR Extender Cable
	Certification		
Safety Approval	✓	✓	✓
CB	✓	✓	✓
S-MARK	✓	✓	✓
EMC Approval	✓	✓	✓
CE	✓	✓	✓
Reliability Approval	✓	✓	✓



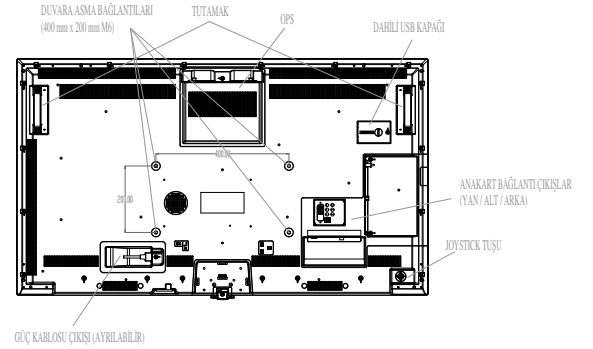
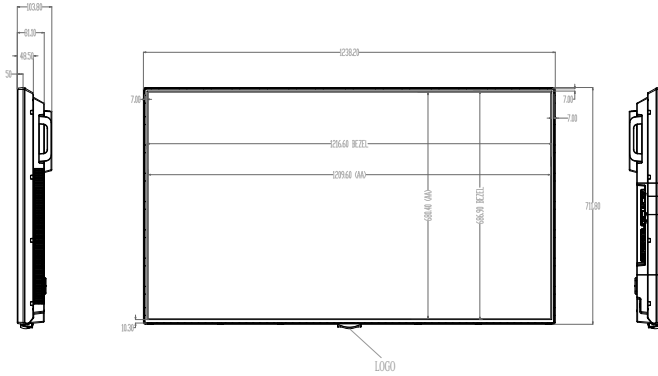
43"



49"



55"





VESTEL **PDM Series** Professional Gen.2

43", 49", and 55"

Offering the highest quality and longest life times, the panels in this series are designed for freedom of expression. Customize the screens to suit your content by selecting either the portrait or landscape mode.



USB Autoplay

Professional panels used with this series are quality confirmed to operate 24 hours a day without any issues. Offering the highest quality screens and virtually unlimited operation, these displays also come with brightness levels of 400 Nits, making them ideal for harshly lit environments.



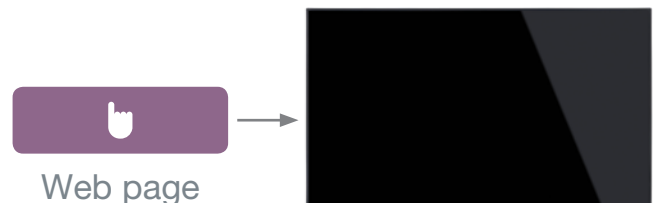
USB Security

Secured within a screw-fixed back cover, your USB and your content will always remain intact and free from any unwanted tampering.



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.



Auto Launch

We have made it easy to give any HTML5-based application link to the display within the SoC software. It's because of this that the display can start with any given link. Customers can choose to use either an offline or an online application.

Pixel Shifting

With our Pixel Shifting feature, you can reduce the risk of any on-screen image ever sticking. Designed to move the entire video frame periodically, Pixel Shifting keeps your content rolling.

Daisy Chain

Mirror content across multiple displays, using a single connection between every two devices. Offering both DisplayPort input and output, these daisy-chainable monitors can be set up as a video wall.

Operation Time Support / Brightness Level

Professional panels used for this series are quality confirmed to operate 24 hours a day without any issues. Offering virtually limitless operation, these high quality screens come with brightness levels of 400 Nits, which make them ideal for harshly lit environments.

Longer Life Span

Ideal for 24/7 use, our Professional Panel Display series offers longer-lasting operation, coming with a MTBF (mean time between failures) of 100.000 hours.

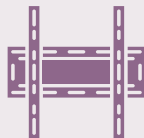
Components



Quick start guide



Instruction manual



Wall mounting kit



IR extender

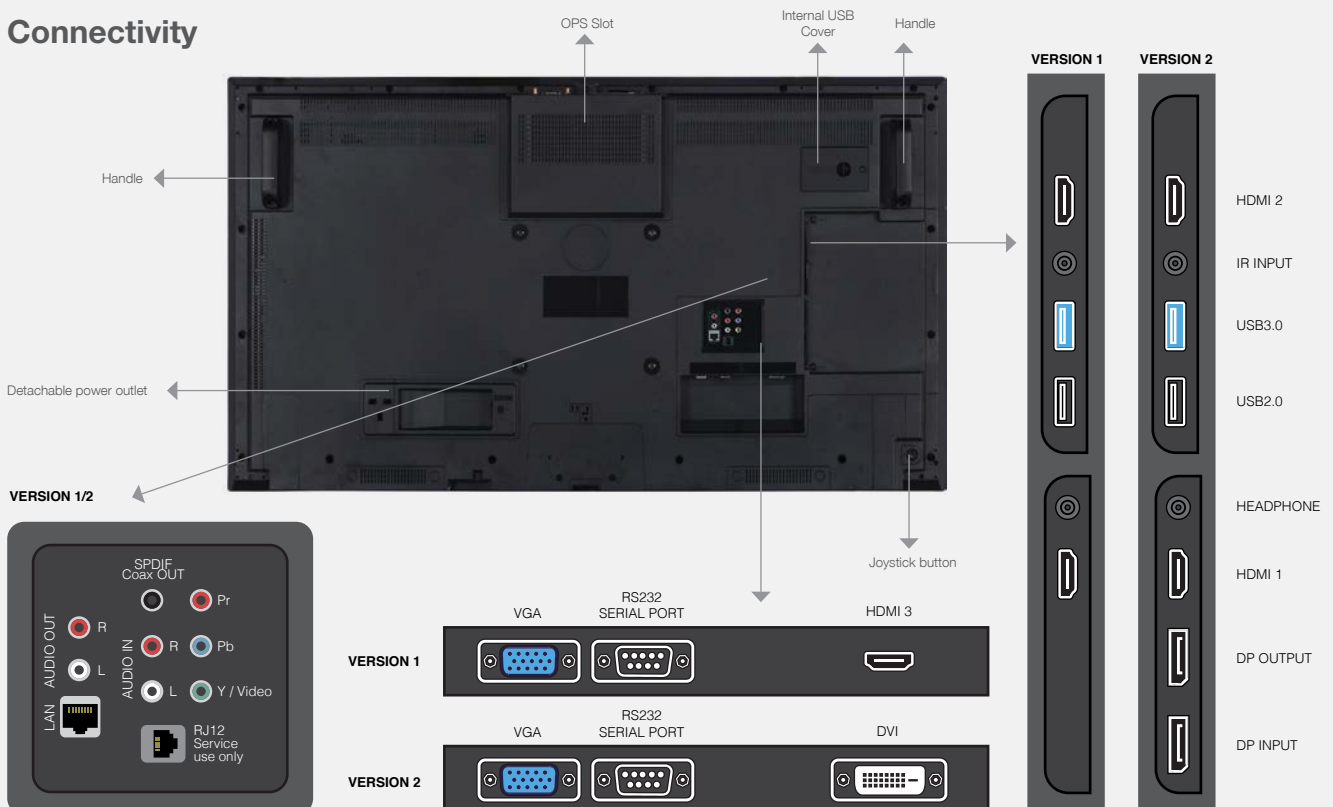


Batteries for remote controllers



Remote controller

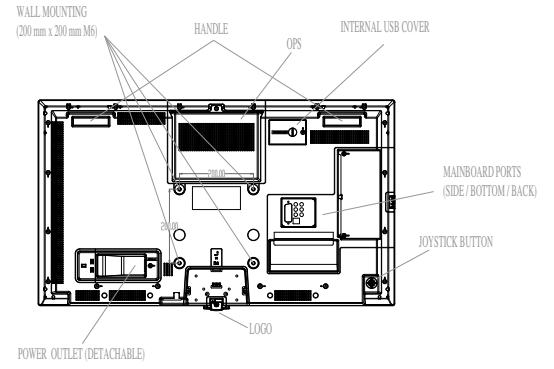
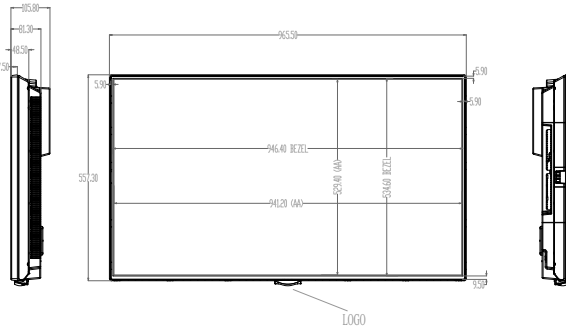
Connectivity



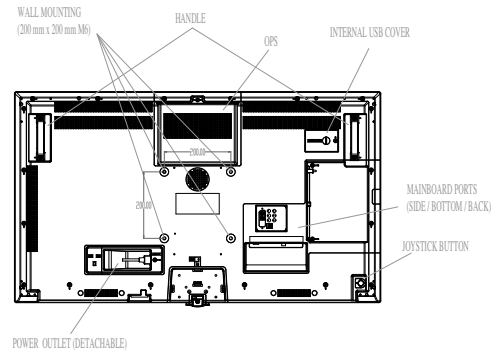
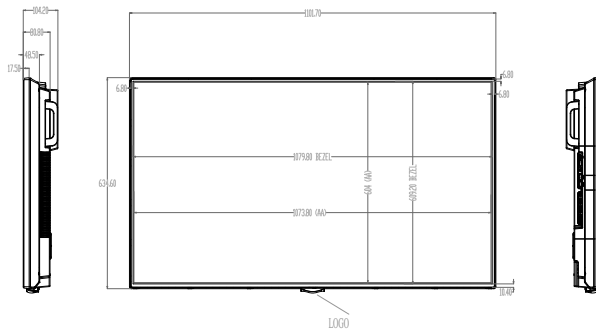
	PDM43UG12	PDM49UG12	PDM55UG12
Panel			
Mainboard Model	System-On-Chip Model: 18MB120DS	System-On-Chip Model: 18MB120DS	System-On-Chip Model: 18MB120DS
H-Freq	67.5 KHz	67.5 KHz	67.5 KHz
Max. Pixel Freq.	74.25 MHz	74.25 MHz	74.25 MHz
V-Freq	60 Hz	60 Hz	60 Hz
Size	43"	49"	55"
Backlight Type	DLED	DLED	DLED
Panel Technology	IPS	IPS	IPS
Panel Type	24/7 PID Panel	24/7 PID Panel	24/7 PID Panel
Front Type	Ultra Narrow Bezel	Ultra Narrow Bezel	Ultra Narrow Bezel
Orientation	Horizontal & Vertical	Horizontal & Vertical	Horizontal & Vertical
Resolution	1920 x 1080 (16:9) - FHD	1920 x 1080 (16:9) - FHD	1920 x 1080 (16:9) - FHD
Active Area	941 mm(H) x 530 mm (V)	1073.8 mm (H) x 604 mm (V)	1210 mm (H) x 681 mm (V)
Brightness (Typ.)	400 cd/m2	400 cd/m2	400 cd/m2
Contrast Ratio (Typ.)	1200	1200	1200
Panel life time (Min. / Typ.)	30000 / 50000 Hr	30000 / 50000 Hr	30000 / 50000 Hr
Viewing Angle	178°	178°	178°
Response Time	8 ms	6 ms	9 ms
Color Value	8 Bit, 16.7 M Colors	8 Bit, 16.7 M Colors	8 Bit, 16.7 M Colors
Areas of Usage	Indoor	Indoor	Indoor
Monitor Connectivity			
RGB Input	Dsub 15 PIN VGA CON., YPbPr	Dsub 15 PIN VGA CON., YPbPr	Dsub 15 PIN VGA CON., YPbPr
RGB Output	N/A	N/A	N/A
VIDEO Input	2xHDMI2.0, DP1.2a, DVI, 1xUSB3.0, 1xUSB2.0	2xHDMI2.0, DP1.2a, DVI, 1xUSB3.0, 1xUSB2.0	2xHDMI2.0, DP1.2a, DVI, 1xUSB3.0, 1xUSB2.0
VIDEO Output	DP1.2a	DP1.2a	DP1.2a
AUDIO Input	LINE IN JACK	LINE IN JACK	LINE IN JACK
AUDIO Output	LINE OUT JACK	LINE OUT JACK	LINE OUT JACK
External Control	RS232(DSUB 9P), RJ12, Ethernet	RS232(DSUB 9P), RJ12, Ethernet	RS232(DSUB 9P), RJ12, Ethernet
External Sensor	N/A	N/A	N/A
Mechanical Features			
Size	966 mm(L) x 557 mm(H) x 106 mm(D)	1102mm (L) x 635mm (H) x 104mm (D)	1238mm (L) x 712mm (H) x 104mm (D)
Shipping Size	1050 mm(L) x 178 mm(W) x 718 mm(H)	1215mm (L) x 775mm (H) x 165mm (D)	1369mm (L) x 874mm (H) x 165mm (D)
Weight	10.5 KG	13.5 KG	17.5 KG
Shipping Weight	14.5 KG	17.5 KG	22 KG
Vesa Mounting Size	200 mm(H)x 200 mm(V) M6	200 mm(H)x 200 mm(V) M6	400 mm(H)x 200 mm(V) M6
Bezel Width(Bottom-Side-Top)	13 mm / 10 mm / 9 mm	15mm / 11 mm / 11 mm	14 mm / 11 mm / 11 mm
Working Conditions			
Temperature Conditions	+40°C / 0°C	+40°C / 0°C	+40°C / 0°C
Humidity	90%	90%	90%
Features			
Main Features	Open Content Management Support, Scheduler, USB-Autoplay, Auto-Launch, HDMI-CEC, HDMI-Hotplug, Auto-switch on Failover, Panel Lock	Open Content Management Support, Scheduler, USB-Autoplay, Auto-Launch, HDMI-CEC, HDMI-Hotplug, Auto-switch on Failover, Panel Lock	Open Content Management Support, Scheduler, USB-Autoplay, Auto-Launch, HDMI-CEC, HDMI-Hotplug, Auto-switch on Failover, Panel Lock
Mechanical Features	Joystick, IR Extender Support, Rocker Switch, Detachable power cable, Carrying slots, Detachable logo positioning, Internal usb cover, Cable Holder	Joystick, IR Extender Support, Rocker Switch, Detachable power cable, Carrying slots, Detachable logo positioning, Internal usb cover, Cable Holder	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	OPS Compliance, IR Overlay Touch Compliance	OPS Compliance, IR Overlay Touch Compliance
Speaker	2 x 8 W	2 x 8 W	2 x 8 W
Power			
Power Supply	110 VAC - 240 VAC	110 VAC - 240 VAC	110 VAC - 240 VAC
Power Consumption(Off)	≤0.5W	≤0.5W	≤0.5W
Power Consumption(Active-StandBy)	14 W	14 W	14 W
Power Consumption(On)	44 W	50 W	54 W
Accessory			
Standard	QSG, Warranty Card, IB, Power Cord, Remote Control, RC Battery, Mounting Kit, Extension Brackets, IR Extender Cable	QSG, Warranty Card, IB, Power Cord, Remote Control, RC Battery, Mounting Kit, Extension Brackets, IR Extender Cable	QSG, Warranty Card, IB, Power Cord, Remote Control, RC Battery, Mounting Kit, Extension Brackets, IR Extender Cable
Certification			
Safety Approval	✓	✓	✓
CB	✓	✓	✓
S-MARK	✓	✓	✓
EMC Approval	✓	✓	✓
CE	✓	✓	✓
Reliability Approval	✓	✓	✓



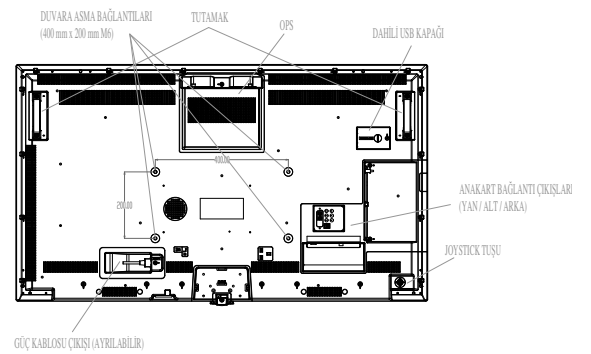
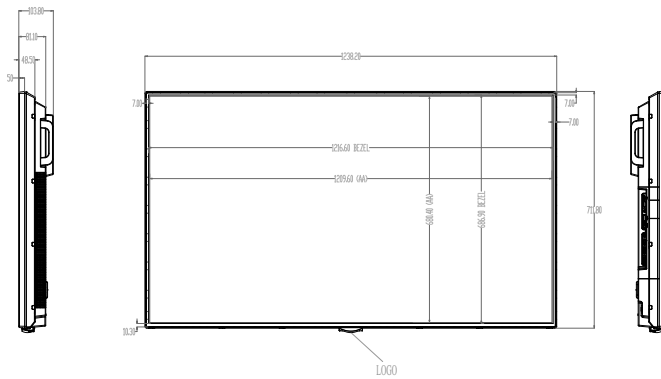
43"



49"



55"





VESTEL **PDH Series** High Bright

43", 49", and 55"

Ideal for well-lit environments, this series prevents the risk of any on-screen reflections and glare. Offering high brightness levels of 700 Nits, the series' displays ensure picture perfect clarity.



Operation Time Support / Brightness Level

Professional panels used for this series are quality confirmed to operate 24 hours a day without any issues. Offering virtually limitless operation, these high quality screens come with brightness levels of 700 Nits, which make them ideal for harshly lit environments.



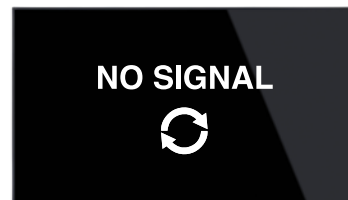
SoC Content Management

Designed with quad core SoC technology (System on Chip), these displays can be used as digital signage monitors for both offline and cloud-based managed content. This means that you can rely on various content management systems to help display your advertising.



OPS Support

All our products in this series have compliance with OPS (Open Pluggable Standard). OPS will empower your screens with enhanced processing power and ability to choose Windows or Android as your operating system to fit your specific application.



Signal Failover

In the event of a "No signal scenario", you can count on our SoC software to keep your content on display. If the USB accidentally unplugs, the display will either show your customized banner or search for another signal from other sources.

Scheduler

Digital Signage Monitor Software provides many important features, such as the Scheduler function, which remotely turns your display on and off at whatever time you pre-select. With this feature, you'll never have to worry about the status of your displays again.

Built-in Connectivity

This series features wired and wireless connectivity such as embedded WiFi and Bluetooth. Due to their wireless capabilities, the displays can easily gather content without any external device. Moreover, their WiFi connection enables you to use Miracast for screen sharing.

Longer Life Span

Ideal for 24/7 use, our Professional Panel Display series offers longer-lasting operation, coming with a MTBF (mean time between failures) of 100,000 hours.

Display Support

With a LAN connection, you can use RS232 commands to update your displays from anywhere and at any time. You can change/set the volume, turn the monitor on/off or set a schedule for content display. Using RS232 control, you can also set a webpage for display or create a wide range of commands in real-time.

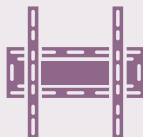
Components



Quick start guide



Instruction manual



Wall mounting kit



IR extender

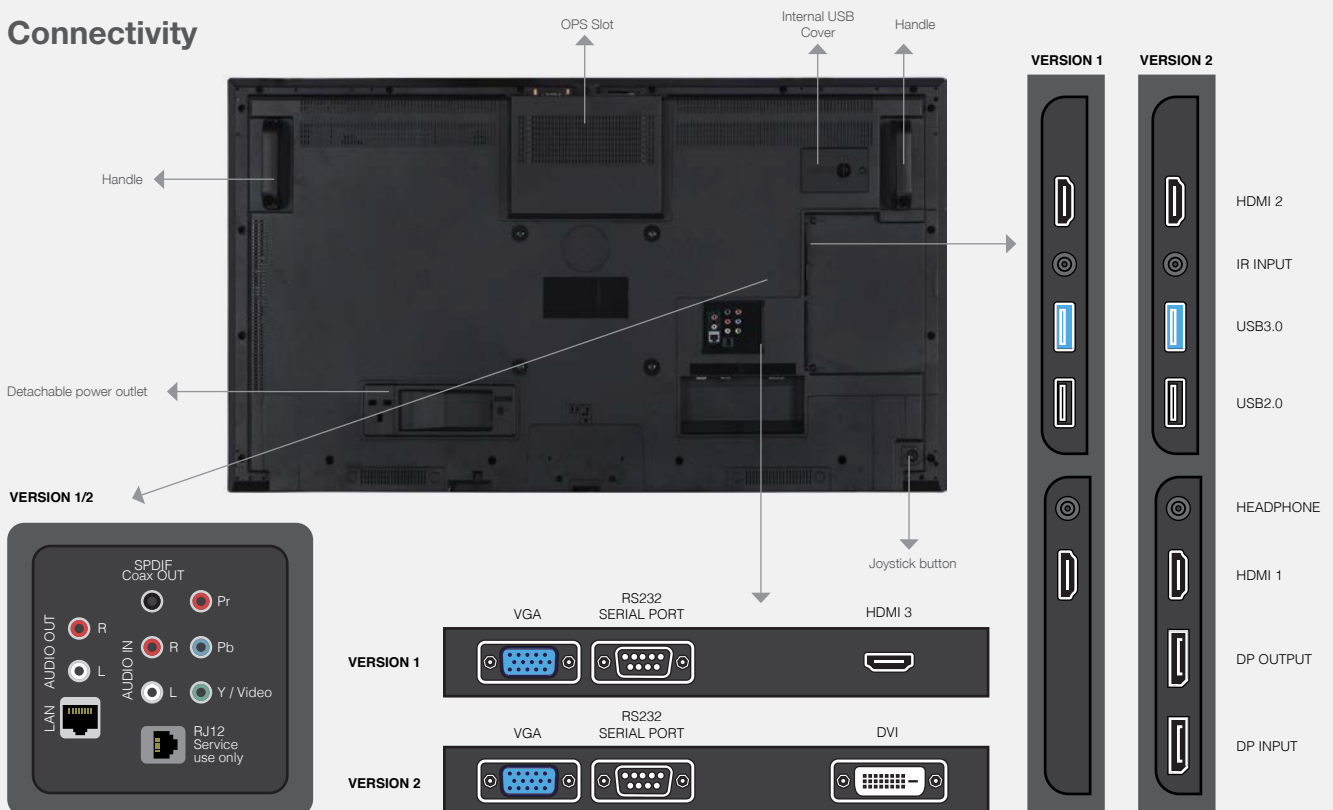


Batteries for remote controllers



Remote controller

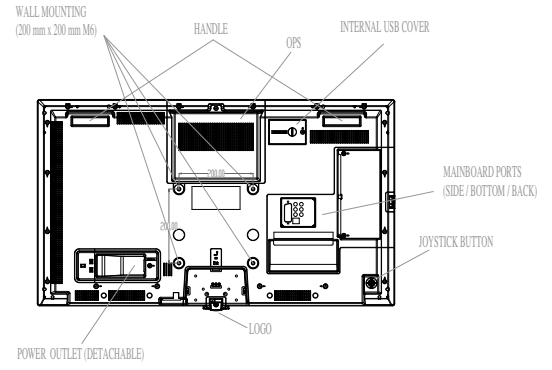
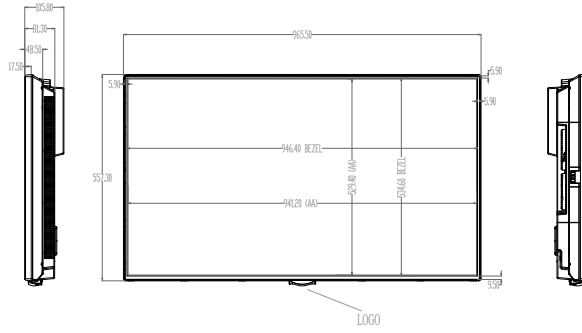
Connectivity



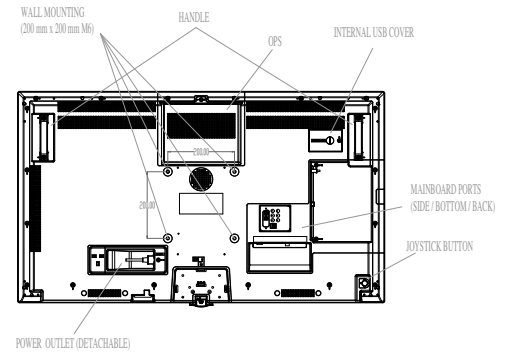
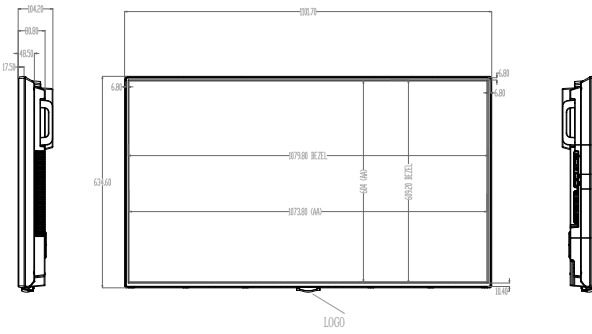
	PDH43UG12	PDH49UG12	PDH55UG12
Panel			
Mainboard Model	System-On-Chip Model: 18MB120DS	System-On-Chip Model: 18MB120DS	System-On-Chip Model: 18MB120DS
H-Freq	67.5 KHz	67.5 KHz	67.5 KHz
Max. Pixel Freq.	74.25 MHz	74.25 MHz	74.25 MHz
V-Freq	60 Hz	60 Hz	60 Hz
Size	43"	49"	55"
Backlight Type	DLED	DLED	DLED
Panel Technology	IPS	IPS	IPS
Panel Type	24/7 PID Panel	24/7 PID Panel	24/7 PID Panel
Front Type	Ultra Narrow Bezel	Ultra Narrow Bezel	Ultra Narrow Bezel
Orientation	Horizontal & Vertical	Horizontal & Vertical	Horizontal & Vertical
Resolution	1920 x 1080 (16:9) - FHD	1920 x 1080 (16:9) - FHD	1920 x 1080 (16:9) - FHD
Active Area	941 mm(H) x 530 mm (V)	1073.8 mm (H) x 604 mm (V)	1210 mm (H) x 681 mm (V)
Brightness (Typ.)	700 cd/m2	700 cd/m2	700 cd/m2
Contrast Ratio (Typ.)	1200	1200	1200
Panel life time (Min. / Typ.)	30000 / 50000 Hr	30000 / 50000 Hr	30000 / 50000 Hr
Viewing Angle	178°	178°	178°
Response Time	8 ms	6 ms	9 ms
Color Value	8 Bit, 16.7 M Colors	8 Bit, 16.7 M Colors	8 Bit, 16.7 M Colors
Areas of Usage	Indoor	Indoor	Indoor
Monitor Connectivity			
RGB Input	Dsub 15 PIN VGA CON., YPbPr	Dsub 15 PIN VGA CON., YPbPr	Dsub 15 PIN VGA CON., YPbPr
RGB Output	N/A	N/A	N/A
VIDEO Input	2xHDMI2.0, DP1.2a, DVI, 1xUSB3.0, 1xUSB2.0	2xHDMI2.0, DP1.2a, DVI, 1xUSB3.0, 1xUSB2.0	2xHDMI2.0, DP1.2a, DVI, 1xUSB3.0, 1xUSB2.0
VIDEO Output	DP1.2a	DP1.2a	DP1.2a
AUDIO Input	LINE IN JACK	LINE IN JACK	LINE IN JACK
AUDIO Output	LINE OUT JACK	LINE OUT JACK	LINE OUT JACK
External Control	RS232(DSUB 9P), RJ12, Ethernet	RS232(DSUB 9P), RJ12, Ethernet	RS232(DSUB 9P), RJ12, Ethernet
External Sensor	N/A	N/A	N/A
Mechanical Features			
Size	966 mm(L) x 557 mm(H) x 106 mm(D)	1102mm (L) x 635mm (H) x 104mm (D)	1238mm (L) x 712mm (H) x 104mm (D)
Shipping Size	1050 mm(L) x 178 mm(W) x 718 mm(H)	1215mm (L) x 775mm (H) x 165mm (D)	1369mm (L) x 874mm (H) x 165mm (D)
Weight	10.5 KG	13.5 KG	17.5 KG
Shipping Weight	14.5 KG	17.5 KG	22 KG
Vesa Mounting Size	200 mm(H)x 200 mm(V) M6	200 mm(H)x 200 mm(V) M6	400 mm(H)x 200 mm(V) M6
Bezel Width(Bottom-Side-Top)	13 mm / 10 mm / 9 mm	15mm / 11 mm / 11 mm	14 mm / 11 mm / 11 mm
Working Conditions			
Temperature Conditions	+40°C / 0°C	+40°C / 0°C	+40°C / 0°C
Humidity	90%	90%	90%
Features			
Main Features	Open Content Management Support, Scheduler, USB-Autoplay, Auto-Launch, HDMI-CEC, HDMI-Hotplug, Auto-switch on Failover, Panel Lock	Open Content Management Support, Scheduler, USB-Autoplay, Auto-Launch, HDMI-CEC, HDMI-Hotplug, Auto-switch on Failover, Panel Lock	Open Content Management Support, Scheduler, USB-Autoplay, Auto-Launch, HDMI-CEC, HDMI-Hotplug, Auto-switch on Failover, Panel Lock
Mechanical Features	Joystick, IR Extender Support, Rocker Switch, Detachable power cable, Carrying slots, Detachable logo positioning, Internal usb cover, Cable Holder	Joystick, IR Extender Support, Rocker Switch, Detachable power cable, Carrying slots, Detachable logo positioning, Internal usb cover, Cable Holder	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	OPS Compliance, IR Overlay Touch Compliance	OPS Compliance, IR Overlay Touch Compliance
Speaker	2 x 8 W	2 x 8 W	2 x 8 W
Power			
Power Supply	110 VAC - 240 VAC	110 VAC - 240 VAC	110 VAC - 240 VAC
Power Consumption(Off)	≤0.5W	≤0.5W	≤0.5W
Power Consumption(Active-StandBy)	14 W	14 W	14 W
Power Consumption(On)	44 W	50 W	54 W
Accessory			
Standard	QSG, Warranty Card, IB, Power Cord, Remote Control, RC Battery, Mounting Kit, Extension Brackets, IR Extender Cable	QSG, Warranty Card, IB, Power Cord, Remote Control, RC Battery, Mounting Kit, Extension Brackets, IR Extender Cable	QSG, Warranty Card, IB, Power Cord, Remote Control, RC Battery, Mounting Kit, Extension Brackets, IR Extender Cable
Certification			
Safety Approval	✓	✓	✓
CB	✓	✓	✓
S-MARK	✓	✓	✓
EMC Approval	✓	✓	✓
CE	✓	✓	✓
Reliability Approval	✓	✓	✓



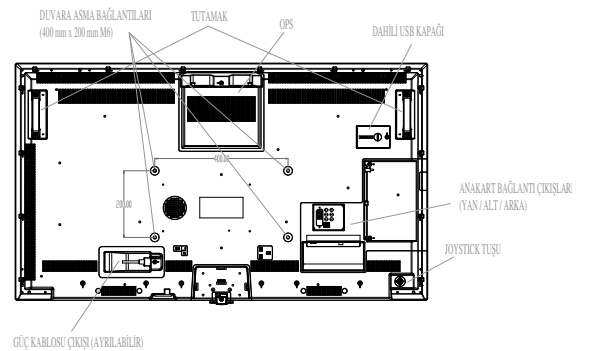
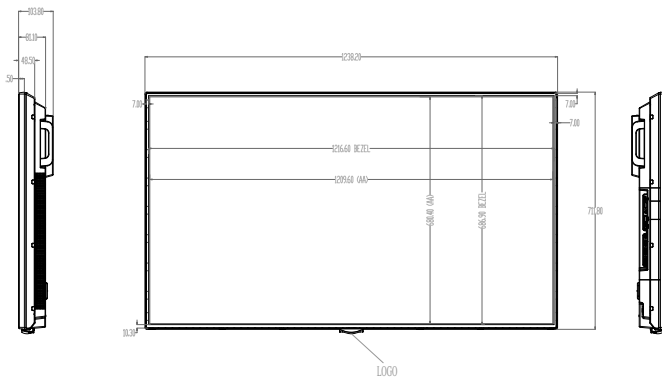
43"



49"



55"



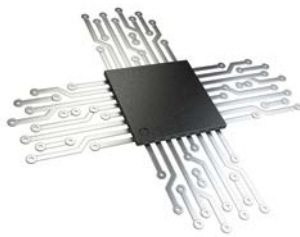


VESTEL **UHM Series** Ultra HD 4K

55", 65", and 65" (*)

Offering a SoC based solution, our UH Series ensures high connectivity as well as life-like picture quality, providing the perfect solution for any application where exceptional resolution is required.

* There are 2 products, having 400 Nits and 540 Nits in 65".



SoC Content Management

Designed with quad core SoC technology (System on Chip), these displays can be used as digital signage monitors for both offline and cloud-based managed content. This means that you can rely on various content management systems to help display your advertising.



Operation Time Support / Brightness Level

Professional panels used for this series are quality confirmed to operate 16 hours a day without any issues. Offering virtually limitless operation, these high quality screens come with brightness levels of 400 Nits, which make them ideal for harshly lit environments.



4K Performance

Especially designed to support 4K resolution, these panels enable more information to be displayed at a glance. Experience 4K content via USB, HDMI, DVI and Display Ports as well as 4K supporting pluggable computers (OPS). Ideal for any graphics-based advertising, this series can make any on-screen content appear tantalisingly real.



Signal Failover

In the event of a "No signal scenario", you can count on our SoC software to keep your content on display. If the USB accidentally unplugs, the display will either show your customized banner or search for another signal from other sources.

Subtle Design

Making your advertising the focus of attention, these displays are designed with minimalist, ultra-narrow bezels – the slimmest in our range. Offering a digital signage specific design, they also offer an internal USB cover and OPS-slot as well as a detachable power plug, carrying handles and an IR extender.

USB Security

Secured within a screw-fixed back cover, your USB and your content will always remain intact and free from any unwanted tampering.

Touch Support

Our high clarity Infrared (IR) touch screens are compatible with this series. Designed for user-friendliness, these interactive smart displays can be used with gloved or wet hands. They can also offer longer-lasting operation, requiring no pressure to be applied, in order to make them touch-responsive. Furthermore, the design makes it easy for anyone to overlay the touch screen on the display.

Pixel Shifting

With our Pixel Shifting feature, you can reduce the risk of any on-screen image ever sticking. Designed to move the entire video frame periodically, Pixel Shifting keeps your content rolling.

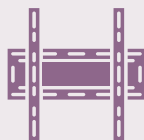
Components



Quick start guide



Instruction manual



Wall mounting kit



IR extender

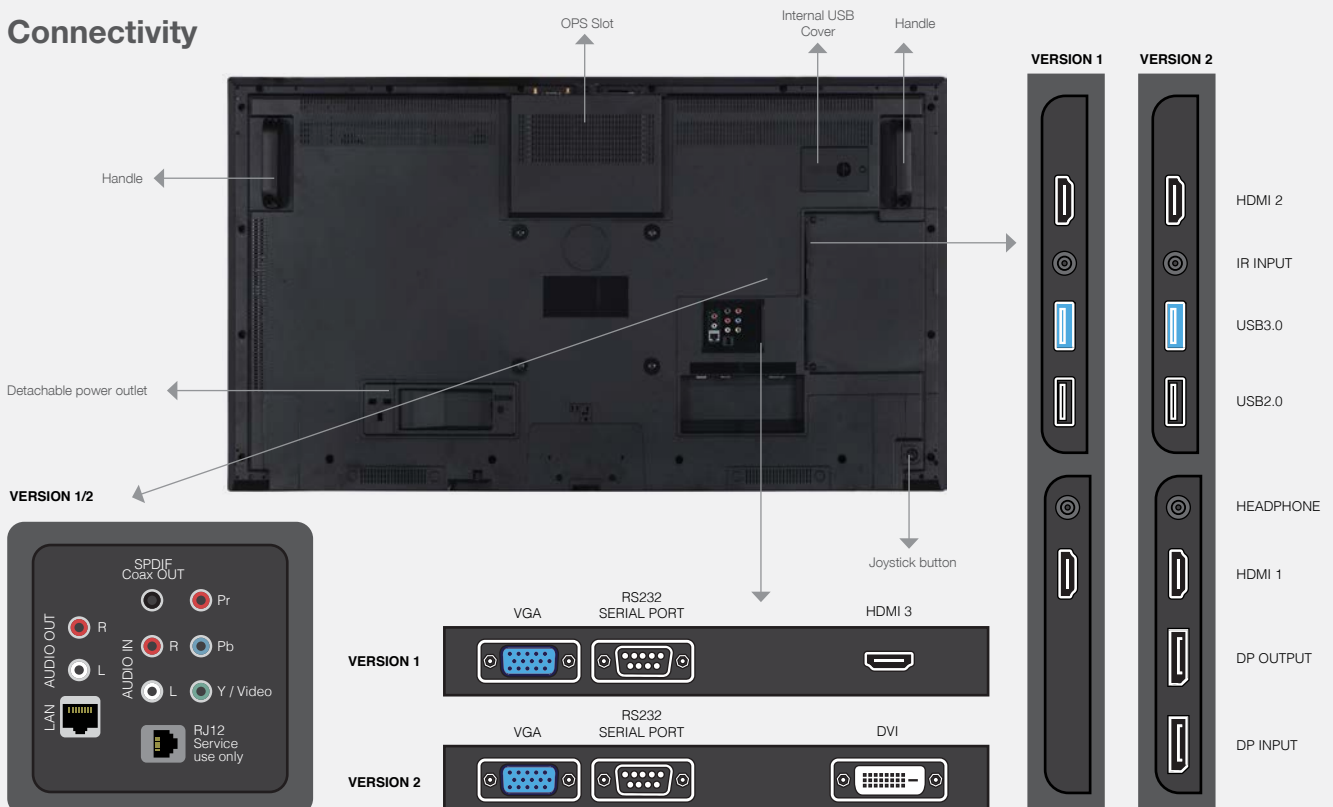


Batteries for remote controllers



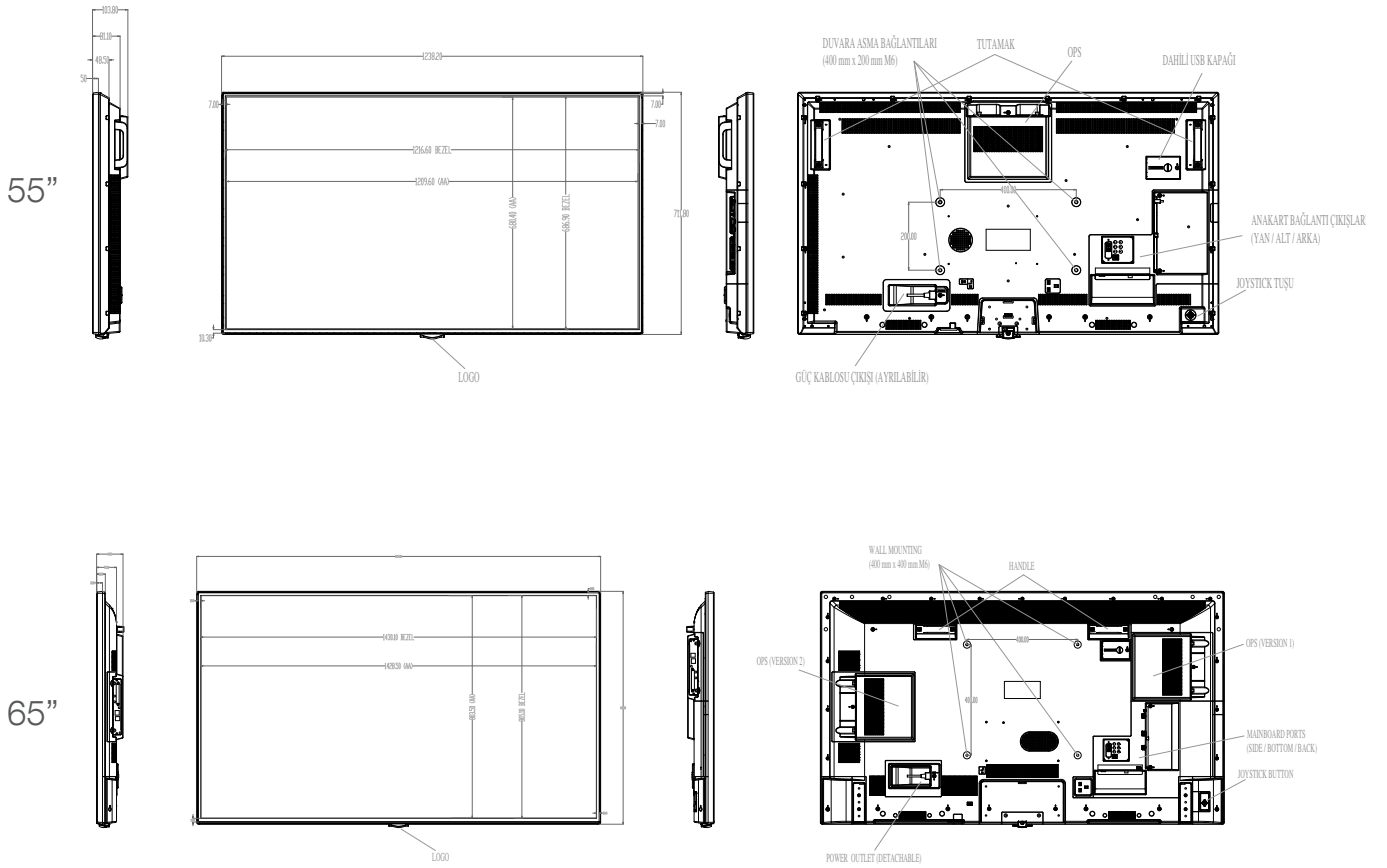
Remote controller

Connectivity



	UHM55UG02	UHM65UG02	UHH65UG12
Panel			
Mainboard Model	System-On-Chip Model: 17MB120DS	System-On-Chip Model: 17MB120DS	System-On-Chip Model: 18MB120DS
H-Freq	67.5 KHz	67.5 KHz	67.5 KHz
Max. Pixel Freq.	74.25 MHz	74.25 MHz	74.25 MHz
V-Freq	60 Hz	60 Hz	60 Hz
Size	55"	65"	65"
Backlight Type	DLED	DLED	DLED
Panel Technology	IPS	IPS	IPS
Panel Type	16/7 Panel	16/7 Panel	16/7 Panel M+
Front Type	Ultra Narrow Bezel	Ultra Narrow Bezel	Ultra Narrow Bezel
Orientation	Horizontal	Horizontal	Horizontal
Resolution	3840 x 2160 (16:9) - UHD	3840 x 2160 (16:9) - UHD	3840 x 2160 (16:9) - UHD
Active Area	1210 mm (H) x 681 mm (V)	1429 mm (H) x 804 mm (V)	1429 mm (H) x 804 mm (V)
Brightness (Typ.)	400 cd/m2	400 cd/m2	700 cd/m2
Contrast Ratio (Typ.)	1200	1200	1200
Panel life time (Min. / Typ.)	30000 / 50000 Hr	30000 / 50000 Hr	30000 / 50000 Hr
Viewing Angle	178°	178°	178°
Response Time	9 ms	9 ms	9 ms
Color Value	8 Bit, 16.7 M Colors	8 Bit, 16.7 M Colors	8 Bit, 16.7 M Colors
Areas of Usage	Indoor	Indoor	Indoor
Monitor Connectivity			
RGB Input	Dsub 15 PIN VGA CON., YPbPr	Dsub 15 PIN VGA CON., YPbPr	Dsub 15 PIN VGA CON., YPbPr
RGB Output	N/A	N/A	N/A
VIDEO Input	2xHDMI2.0, DP1.2a, DVI, 1xUSB3.0, 1xUSB2.0	2xHDMI2.0, DP1.2a, DVI, 1xUSB3.0, 1xUSB2.0	2xHDMI2.0, DP1.2a, DVI, 1xUSB3.0, 1xUSB2.0
VIDEO Output	DP1.2a	DP1.2a	DP1.2a
AUDIO Input	LINE IN JACK	LINE IN JACK	LINE IN JACK
AUDIO Output	LINE OUT JACK	LINE OUT JACK	LINE OUT JACK
External Control	RS232(DSUB 9P), RJ12, Ethernet	RS232(DSUB 9P), RJ12, Ethernet	RS232(DSUB 9P), RJ12, Ethernet
External Sensor	N/A	N/A	N/A
Mechanical Features			
Size	1238mm (L) x 712mm (H) x 104mm (D)	1459mm (L) x 841mm (H) x 96mm (D)	1459mm (L) x 841mm (H) x 96mm (D)
Shipping Size	1369mm (L) x 874mm (H) x 165mm (D)	1620mm (L) x 1006mm (H) x 190mm (D)	1620mm (L) x 1006mm (H) x 190mm (D)
Weight	17.5 KG	22.5 KG	22.5 KG
Shipping Weight	22 KG	27 KG	27 KG
Vesa Mounting Size	400 mm(H)x 200 mm(V) M6	400 mm(H)x 400 mm(V) M6	400 mm(H)x 400 mm(V) M6
Bezel Width(Bottom-Side-Top)	14 mm / 11 mm / 11 mm	21 mm / 15 mm / 15 mm	21 mm / 15 mm / 15 mm
Working Conditions			
Temperature Conditions	+40°C / 0°C	+40°C / 0°C	+40°C / 0°C
Humidity	90%	90%	90%
Features			
Main Features	Open Content Management Support, Scheduler, USB-Autoplay, Auto-Launch, HDMI-CEC, HDMI-Hotplug, Auto-switch on Failover, Panel Lock	Open Content Management Support, Scheduler, USB-Autoplay, Auto-Launch, HDMI-CEC, HDMI-Hotplug, Auto-switch on Failover, Panel Lock	Open Content Management Support, Scheduler, USB-Autoplay, Auto-Launch, HDMI-CEC, HDMI-Hotplug, Auto-switch on Failover, Panel Lock
Mechanical Features	Joystick, IR Extender Support, Rocker Switch, Detachable power cable, Carrying slots, Detachable logo positioning, Internal usb cover, Cable Holder	Joystick, IR Extender Support, Rocker Switch, Detachable power cable, Carrying slots, Detachable logo positioning, Internal usb cover, Cable Holder	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	OPS Compliance, IR Overlay Touch Compliance	OPS Compliance, IR Overlay Touch Compliance
Speaker	2 x 8 W	2 x 8 W	2 x 8 W
Power			
Power Supply	110 VAC - 240 VAC	110 VAC - 240 VAC	110 VAC - 240 VAC
Power Consumption(Off)	≤0.5W	≤0.5W	≤0.5W
Power Consumption(Active-StandBy)	14 W	14 W	14 W
Power Consumption(On)	54 W	74 W	74 W
Accessory			
Standard	QSG, Warranty Card, IB, Power Cord, Remote Control, RC Battery, Mounting Kit, Extension Brackets, IR Extender Cable	QSG, Warranty Card, IB, Power Cord, Remote Control, RC Battery, Mounting Kit, Extension Brackets, IR Extender Cable	QSG, Warranty Card, IB, Power Cord, Remote Control, RC Battery, Mounting Kit, Extension Brackets, IR Extender Cable
Certification			
Safety Approval	✓	✓	✓
CB	✓	✓	✓
S-MARK	✓	✓	✓
EMC Approval	✓	✓	✓
CE	✓	✓	✓
Reliability Approval	✓	✓	✓





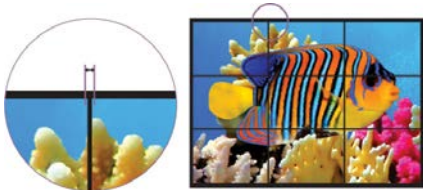


VESTEL VW Series Video Wall

47", 49", and 55"

Create a powerful visual experience with our videowalls. Illustrating video content more smoothly and with the least amount of visual interference, our displays come with UNB (Ultra Narrow Bezel) and XNB (Extra Narrow Bezel) designs.

Active to Active 3,8 mm / 1,8 mm



Bezel to Bezel 3,5 mm / 1,5 mm

Ultra / Extra Narrow Bezel

Reducing the gap between each display area, Vestel's designs help to create a seamless overall on-screen image with 3,5 mm and 1,5 mm bezel to bezel gaps.

HD



High Definition Picture

Create a seamless and striking visual experience with our Video Wall displays. Offering 500-700 Nit options, our monitors can display your content in picture perfect resolution, whatever the lighting conditions.

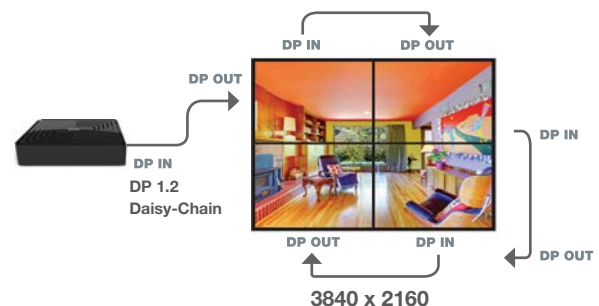


Landscape

Portrait

Landscape and Portrait Mode

Our Video Walls can be displayed in either landscape or portrait mode. Vestel's 24/7 professional displays not only allow for installation in portrait mode, but also for additional display protection. The displays' Pixel Shifting feature reduces the risk of any on-screen imagery sticking.



Display Port - Daisy Chain

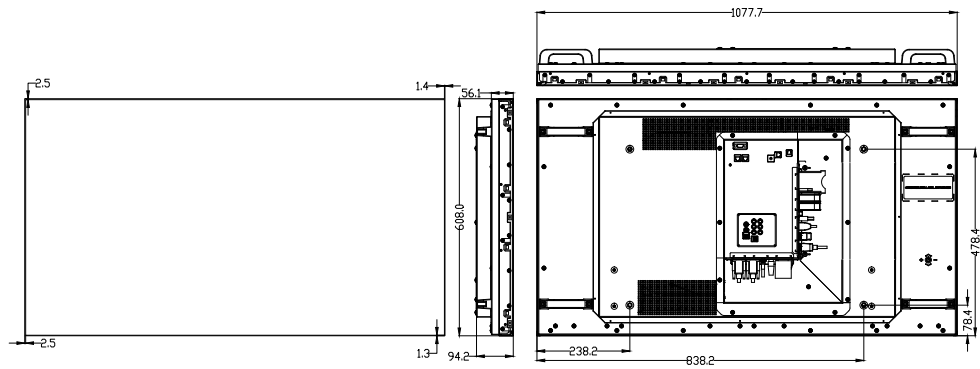
Reduce cost and maximize video quality with Vestel's new line of Video Wall displays. Using Display Port 1.2a-enabled screens, Vestel offers a daisy chain solution that cuts the cost of installation, cabling and maintenance. This daisy-chained monitor set up also ensures a more immersive viewing experience.

Model Name	VW47U50	VW49U451	VW55U51
Panel			
Mainboard Model	MB90	MB120DS	MB120DS
H-Freq	47.4 KHz	67,5 KHz	67,5 KHz
Max. Pixel Freq.	74.25 MHz	74.25 MHz	74.25 MHz
V-Freq	60 Hz	60 Hz	60 Hz
Size	47"	49"	55"
Backlight Type	DLED	DLED	DLED
Panel Technology	IPS	IPS	IPS
Panel Type	24/7 TV Panel	24/7 TV Panel	24/7 TV Panel
Front Type	Ultra narrow bezel	Ultra narrow bezel	Ultra narrow bezel
Orientation	Horizontal / Vertical	Horizontal / Vertical	Horizontal / Vertical
Resolution	1920x1080	1920x1080	1920x1080
Active Area	1039.8 (H) x 584.6 (V)	1073.8 (H) x 604 (V)	1209.6(H) x 680.4(V)
Brightness	500 cd/m2	450 cd/m2	500 cd/m2
Contrast Ratio	1400 : 1	1300 : 1	1400 : 1
Panel life time (Typ.)	60000hrs	50000hrs	60000hrs
Panel life time (Average)	50000hrs	30000hrs	50000hrs
Viewing Angle	178°	178°	178°
Response Time	12 ms	8 ms	12 ms
Color Value	16.7 M colors	10 bit(D), 1.07 Billion colors	10Bit (D), 1.06 Billion colors
Areas of Usage	Indoor	Indoor	Indoor
Monitor Connectivity			
RGB Input	Dsub 15 PIN VGA CON., YPbPr	Dsub 15 PIN VGA CON., YPbPr	Dsub 15 PIN VGA CON., YPbPr
RGB Output	N/A	N/A	N/A
VIDEO Input	HDMI, DVI, USB	2xHDMI2.0, DP1.2a, DVI, 1xUSB3.0, 1xUSB2.0	2xHDMI2.0, DP1.2a, DVI, 1xUSB3.0, 1xUSB2.0
VIDEO Output	N/A	DP1.2a	DP1.2a
AUDIO Input	LINE IN , Headphone	LINE IN JACK	LINE IN JACK
AUDIO Output	LINE OUT	LINE OUT JACK	LINE OUT JACK
External Control	Ethernet	RS232(DSUB 9P), RJ12, Ethernet	RS232(DSUB 9P), RJ12, Ethernet
External Sensor	N/A	N/A	N/A
Mechanical Features			
Size(mm)	1046,8 x 590,9 x 80,4	1077.6 (H) x 607.8 (V) x 56.1 / 94.2 (D)	1213.4(H) x 684.2(V) x 52.5 / 97.6 (D)
Shipping Size(mm)	1196 x 729 x 209	1196 (H) x 729 (V) x 209 (D)	1359(H) x 804(V) x 209(D)
Panel Weight	26 Kg	27,5 Kg	37 Kg
Shipping Weight	32 Kg	32 Kg	42.5 Kg
Vesa Mounting Size(mm)	400x600	400x600	400x600
Bezel Width	5.2 mm	3.8 mm	3.8 mm
Working Conditions			
Temperature Conditions	+50°C / 0°C	+50°C / 0°C	+50°C / 0°C
Humidity	%90	%90	%90
General Features			
Main Features	Videowall setup with HDMI Splitter, manual color calibration, matrix software	Videowall setup with Daisy-Chain, Open Content Management Support, Vsign Software, Manual Fine Color Calibration, Videowall Scheduler, Auto-Launch, Auto-switch on Failover, Panel Lock	Videowall setup with Daisy-Chain, Open Content Management Support, Vsign Software, Manual Fine Color Calibration, Videowall Scheduler, Auto-Launch, Auto-switch on Failover, Panel Lock
Mechanical Features	-	ON/OFF Button, IR Extender, Carrying Handles	ON/OFF Button, IR Extender, Carrying Handles
Speaker	N/A	N/A	N/A
Power			
Power Supply	220V/50Hz	110 VAC - 240 VAC	110 VAC - 240 VAC
Power Consumption(Deep StandBy)	0.5W<	0.5W<	0.5W<
Power Consumption(On Full Load)	200W	79W	138W
Accessory			
Standard	QSG, Warranty Card, IB, Power Cord, Remote Control, RC Battery, Display Port Cable, USB to Rs232 Converter	QSG, Warranty Card, IB, Power Cord, Remote Control, RC Battery, Display Port Cable, USB to Rs232 Converter	QSG, Warranty Card, IB, Power Cord, Remote Control, RC Battery, Display Port Cable, USB to Rs232 Converter
OPS	N/A	N/A	N/A
Touch Overlay	N/A	N/A	N/A
Mounting Kit	Standard	Standard	Standard
Certification			
Safety Approval	✓	✓	✓
CB	✓	✓	✓
S-MARK	✓	✓	✓
EMC Approval	✓	✓	✓
CE	✓	✓	✓

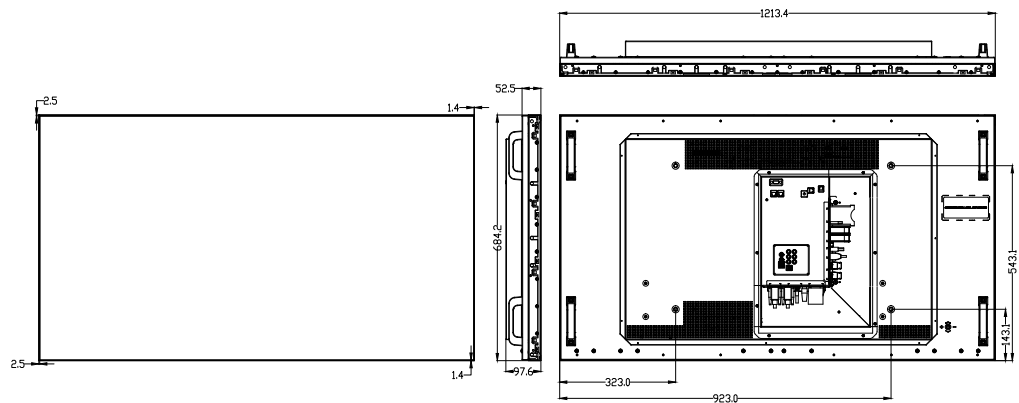
* Specifications and features are subject to change without prior notice.

Model Name	VW55U71	VW55X51	VW55X71
Panel			
Mainboard Model	MB120DS	MB120DS	MB120DS
H-Freq	67,5 KHz	67,5 KHz	67,5 KHz
Max. Pixel Freq.	74.25 MHz	74.25 MHz	74.25 MHz
V-Freq	60 Hz	60 Hz	60 Hz
Size	55"	55"	55"
Backlight Type	DLED	DLED	DLED
Panel Technology	IPS	IPS	IPS
Panel Type	24/7 TV Panel	24/7 TV Panel	24/7 TV Panel
Front Type	Ultra narrow bezel	Extra narrow bezel	Extra narrow bezel
Orientation	Horizontal / Vertical	Horizontal / Vertical	Horizontal / Vertical
Resolution	1920x1080	1920x1080	1920x1080
Active Area	1209.6(H) x 680.4(V)	1209.6(H) x 680.4(V)	1209.6(H) x 680.4(V)
Brightness	700 cd/m2	500 cd/m2	700 cd/m2
Contrast Ratio	1400 : 1	1400 : 1	1400 : 1
Panel life time (Typ.)	60000hrs	60000hrs	60000hrs
Panel life time (Average)	50000hrs	50000hrs	50000hrs
Viewing Angle	178°	178°	178°
Response Time	12 ms	8 ms	8 ms
Color Value	10Bit (D), 1.06 Billion colors	10 bit(D), 1.06 Billion colors	10Bit (D), 1.06 Billion colors
Areas of Usage	Indoor	Indoor	Indoor
Monitor Connectivity			
RGB Input	Dsub 15 PIN VGA CON., YPbPr	Dsub 15 PIN VGA CON., YPbPr	Dsub 15 PIN VGA CON., YPbPr
RGB Output	N/A	N/A	N/A
VIDEO Input	2xHDMI2.0, DP1.2a, DVI, 1xUSB3.0, 1xUSB2.0	2xHDMI2.0, DP1.2a, DVI, 1xUSB3.0, 1xUSB2.0	2xHDMI2.0, DP1.2a, DVI, 1xUSB3.0, 1xUSB2.0
VIDEO Output	DP1.2a	DP1.2a	DP1.2a
AUDIO Input	LINE IN JACK	LINE IN JACK	LINE IN JACK
AUDIO Output	LINE OUT JACK	LINE OUT JACK	LINE OUT JACK
External Control	RS232(DSUB 9P), RJ12, Ethernet	RS232(DSUB 9P), RJ12, Ethernet	RS232(DSUB 9P), RJ12, Ethernet
External Sensor	N/A	N/A	N/A
Mechanical Features			
Size(mm)	1213.4(H) x 684.2(V) x 52.5 / 112.1 (D)	1211.4 (L) x 682.3 (H) x 54.1 / 104.6(D)	1211.4 (L) x 682.3 (H) x 54.1 / 104.6(D)
Shipping Size(mm)	1359(H) x 804(V) x 209(D)	1359(H) x 804(V) x 209(D)	1359(H) x 804(V) x 209(D)
Panel Weight	37 Kg	30.50 kg	30.50 kg
Shipping Weight	42.5 Kg	36 Kg	36 Kg
Vesa Mounting Size(mm)	400x600	400x600	400x600
Bezel Width	3.8 mm	1.8 mm	1.8 mm
Working Conditions			
Temperature Conditions	+50°C / 0°C	+50°C / 0°C	+50°C / 0°C
Humidity	%90	%90	%90
General Features			
Main Features	Videowall setup with Daisy-Chain, Open Content Management Support, Vsign Software, Manual Fine Color Calibration, Videowall Scheduler, Auto-Launch, Auto-switch on Failover, Panel Lock	Videowall setup with Daisy-Chain, Open Content Management Support, Vsign Software, Manual Fine Color Calibration, Videowall Scheduler, Auto-Launch, Auto-switch on Failover, Panel Lock	Videowall setup with Daisy-Chain, Open Content Management Support, Vsign Software, Manual Fine Color Calibration, Videowall Scheduler, Auto-Launch, Auto-switch on Failover, Panel Lock
Mechanical Features	ON/OFF Button, IR Extender, Carrying Handles	ON/OFF Button, IR Extender, Carrying Handles	ON/OFF Button, IR Extender, Carrying Handles
Speaker	N/A	N/A	N/A
Power			
Power Supply	110 VAC - 240 VAC	110 VAC - 240 VAC	110 VAC - 240 VAC
Power Consumption(Deep StandBy)	0.5W<	0.5W<	0.5W<
Power Consumption(On Full Load)	220W	140W	195W
Accessory			
Standard	QSG, Warranty Card, IB, Power Cord, Remote Control, RC Battery, Display Port Cable, USB to Rs232 Converter	QSG, Warranty Card, IB, Power Cord, Remote Control, RC Battery, Display Port Cable, USB to Rs232 Converter	QSG, Warranty Card, IB, Power Cord, Remote Control, RC Battery, Display Port Cable, USB to Rs232 Converter
OPS	N/A	N/A	N/A
Touch Overlay	N/A	N/A	N/A
Mounting Kit	Standard	Standard	Standard
Certification			
Safety Approval	✓	✓	✓
CB	✓	✓	✓
S-MARK	✓	✓	✓
EMC Approval	✓	✓	✓
CE	✓	✓	✓

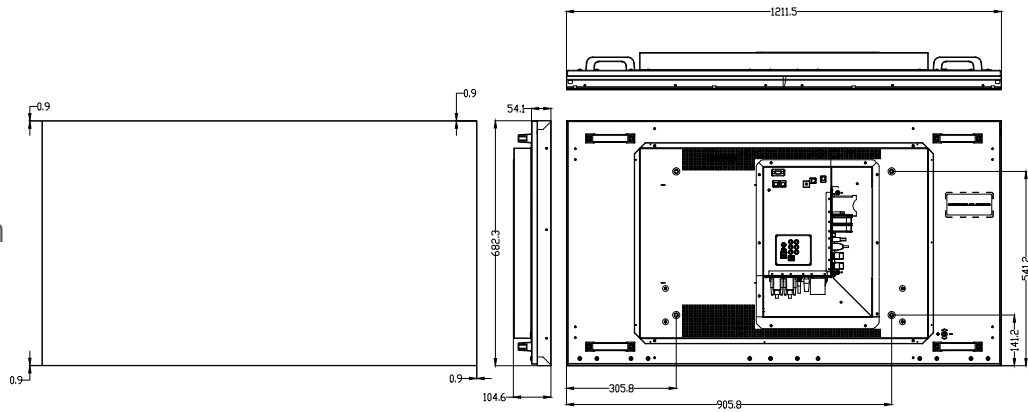
49"
3.8mm



55"
3.8mm



55"
1.8mm





VESTEL Totem **TO Series**

Create your own high impact, customized advertising solution with our robust and cost-effective Totems.



Robust Design

Offering an eye-catching as well as robust design, our slim, stand-alone Totem can provide built-in PC functionality, giving you a self-contained content management system.



Double-Sided

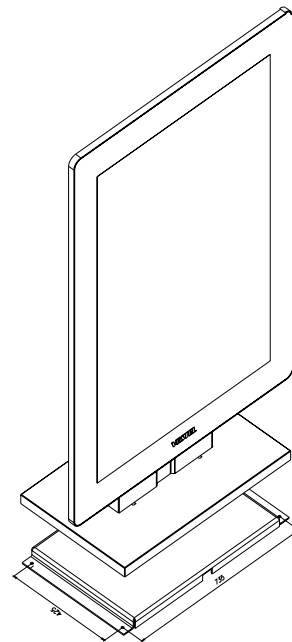
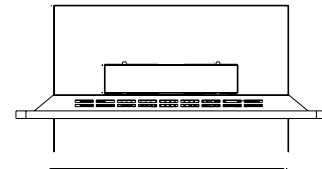
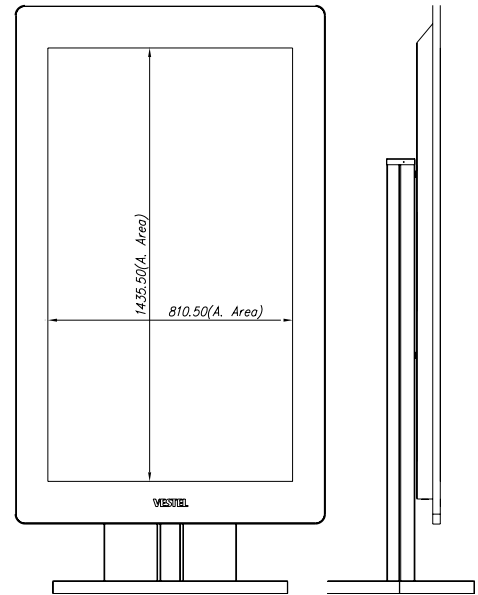
Vestel's Totem offers a double sided display option, enabling your branding to reach more people.



Market Specific

Offering a flexible signage solution, our Totem is perfect for a wide variety of applications, working well for multiple vertical markets, such as the transport and entertainment industries.

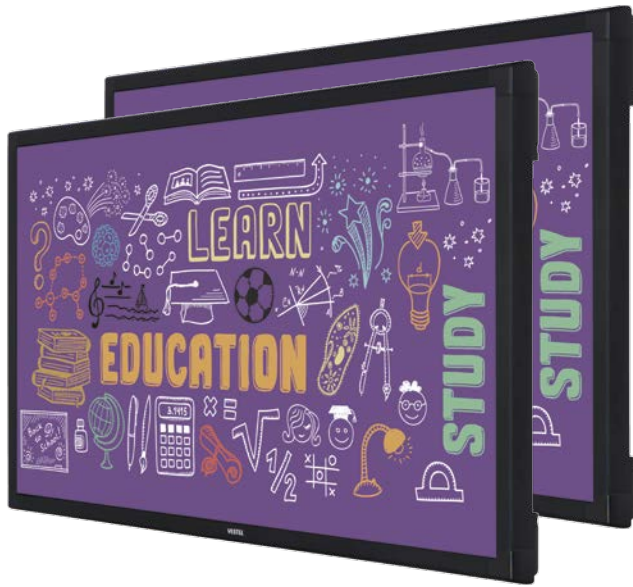
	TO65SS	TO65DS
Panel		
H-Freq	67.5 kHz	67.5 kHz
Max. Pixel Freq.	74.25 MHz	74.25 MHz
V-Freq	60 Hz	60 Hz
Cabinet	T05	T05
Backlight Type	EDGE TYPE LED (DUAL STRING)	EDGE TYPE LED (DUAL STRING)
Panel Type	a-Si TFT Tv Panel	a-Si TFT Tv Panel
Panel Front Type	Hard Coating	Hard Coating
Orientation	Portrait	Portrait
Resolution	1920 x 1080 (16:9)	1920 x 1080 (16:9)
Active Area	1435.5 (mm) x 810.5 (mm)	1435.5 (mm) x 810.5 (mm)
Brightness (Typ.)	900 cd/m2	900 cd/m2
Contrast Ratio	4000:1	4000:1
Panel life time (Min. / Typ.)	30,000 hr / 50,000 Hr	30,000 hr / 50,000 Hr
Viewing Angle	178°	178°
Response Time	8 ms	8 ms
White Uniformity	≤ 25%	≤ 25%
Color Value	10 bit, 1.06B	10 bit, 1.06B
Areas of Usage	Indoor	Indoor
Areas of Usage	Indoor	Indoor
Monitor Connectivity		
External Control	RS232 (D-Sub 9P)	RS232 (D-Sub 9P)
Mechanical Features		
Size w/foot	1028x488x1948(mm)	1028x488x1948(mm)
Size wo/foot	1028x77.5x1718(mm)	1028x77.5x1718(mm)
Product Weight	70 kg	95 kg
Total Weight (with Package)	125 kg	150 kg
Vesa Mounting Size	600 mm x 400 mm	600 mm x 400 mm
Working Conditions		
Temperature Conditions	0°C / +40°C	0°C / +40°C
Humidity (Test Condition)	90%	90%
Storage Conditions		
Temperature Conditions	-15°C / +40°C	-15°C / +40°C
General Features		
Main Features	Pluggable PC (VPS) compliance	Pluggable PC (VPS) compliance
Mechanical Features	Vertical Sleek Design with Stand, Antireflective Clear Glass	Vertical Sleek Design with Stand, Antireflective Clear Glass
Optional Features	Vsign - Content Management Software	Vsign - Content Management Software
Power		
Power Supply	220 - 240 VAC / 50 - 60Hz	220 - 240 VAC / 50 - 60Hz
Power Consumption(Deep StandBy)-Intel OPS	< 3W	< 3W
Power Consumption(On Full Load)-Intel OPS	308 W	616 W
PC Specifications - 1		
VPS		
CPU	Intel i3 4000M	Intel i3 4000M
Chipset	4th Generation Intel HM86 Chipset	4th Generation Intel HM86 Chipset
GPU	Intel® HD Graphics 4600	Intel® HD Graphics 4600
Memory	4GB (up to 16 GB) 1333/1600 Mhz DDR3 RAM	4GB (up to 16 GB) 1333/1600 Mhz DDR3 RAM
Network	LAN: 10/100/1000 Mbps Ethernet WLAN: 802.11 b/g/n (802.11a/b/g/n optional) Bluetooth 4.0 (optional) 3G: N/A	LAN: 10/100/1000 Mbps Ethernet WLAN: 802.11 b/g/n (802.11a/b/g/n optional) Bluetooth 4.0 (optional) 3G: N/A
Storage	SSD 256 GB HDD 500 GB	SSD 256 GB HDD 500 GB
I/O Ports	1 x RJ45, 10/100/1000 Mbps Ethernet 2 x USB 3.0 Ports 2 x USB 2.0 Ports 1 x Headphone 3.5 mm jack 1 x Microphone 3.5 mm jack 2 x Wifi Antenna Connector	1 x RJ45, 10/100/1000 Mbps Ethernet 2 x USB 3.0 Ports 2 x USB 2.0 Ports 1 x Headphone 3.5 mm jack 1 x Microphone 3.5 mm jack 2 x Wifi Antenna Connector
Operating System	Windows 10	Windows 10
Accessory		
Standard	IB, Power Cord	IB, Power Cord
Optional	VPS	VPS
Certification		
Safety Approval	✓	✓
CB	✓	✓
S-MARK	✓	✓
EMC Approval	✓	✓
CE	✓	✓



65 TOTEM	DIMENSIONS (mm-kg)			
	WIDTH (mm)	DEPTH (mm)	HEIGHT (mm)	VESA (mm)
PRODUCT W/FOOT	1028	488	1948	600/400
PRODUCT W/FOOT	1028	77.5	1718	



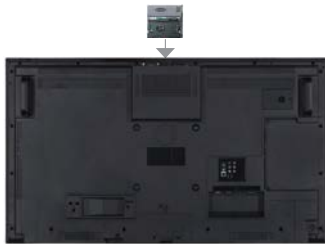
* Specifications and features are subject to change without prior notice.



VESTEL IFM Series 4K Touch Display

55", and 65"

Designed with LED touch screen technology, the Vestel Interactive Flat Panel Display is a dynamic and engaging solution for both education and business environments. Encouraging interactive communication, its technology facilitates learning as well as information sharing.



OPS Support

All our products in this series have compliance with OPS (Open Pluggable Standard). OPS will empower your screens with enhanced processing power and ability to choose Windows or Android as your operating system to fit your specific application.



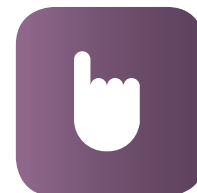
Suitable Design For Meeting Rooms

Use Vestel's interactive flat panel displays to bring your workforce together. Our Ultra HD products can be used for interactive presentations, brainstorming and training.



4K Performance

This series panels are constructed specially to support 4K resolution. You will be able to experience excellent 4K content via USB, HDMI, DVI and Display Ports, and our 4K supporting pluggable computers (OPS). This series will be highly advised for any application requiring highest visual experience for end-users.



Touch Support

Our touch screens are compatible with this series. Infrared (IR) Touch Screens is designed to equip your current product with user-interactivity allowing the display to be smart display and many interactive applications to be enjoyed by the end users. The design also permits any person to overlay the touch screen on the display easily.

Anti-Glare Glass

Our screens come with a special screen to prevent light reflection and providing smooth touch experience with antiglare technology.

Tempered Glass

All our touch screens have toughened glass material preventing any damage to the touch panels.

Interactive White Board Application

Thanks to their 4K UHD resolution, our screens can display content more clearly, bringing every on-screen detail bang into focus.

Advanced Connectivity

With wireless connectivity, this series can be set up to screen-share via Miracast and give you the option to freely connect without any cabling.

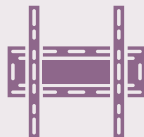
Components



Quick start guide



Instruction manual



Wall mounting kit



IR extender

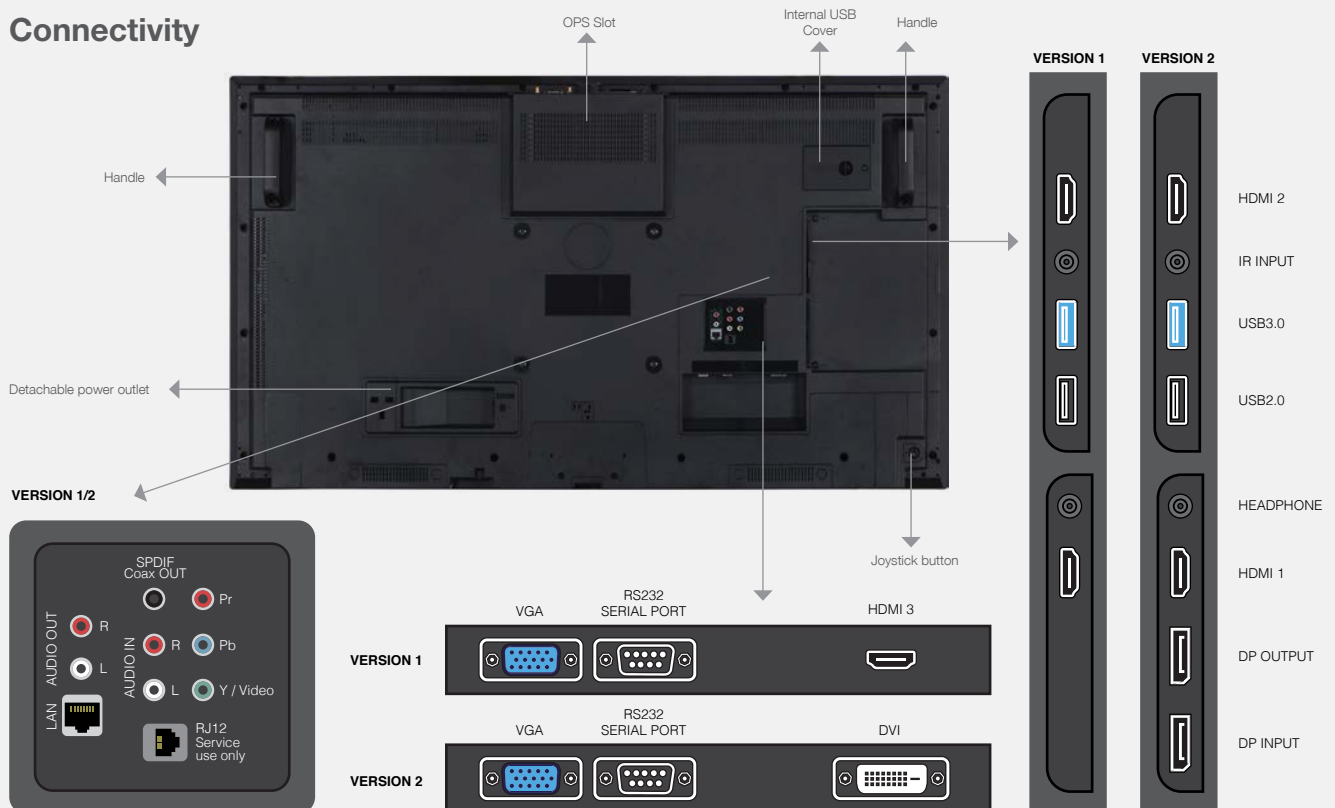


Batteries for remote controllers



Remote controller

Connectivity

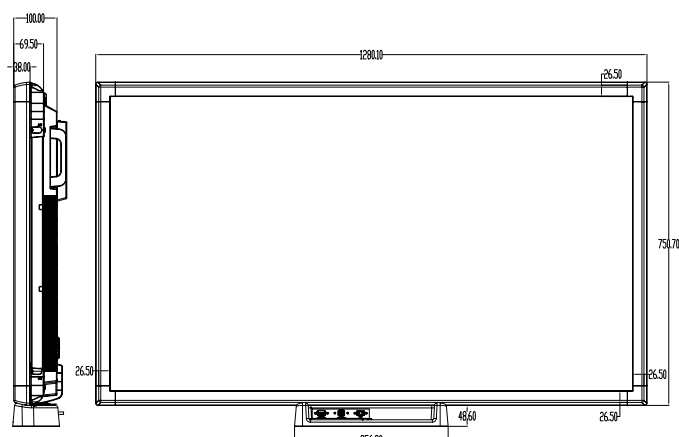


	IF55UG412	IFM65UG612
Panel		
Mainboard Model	System-On-Chip Model: 18MB120DS	System-On-Chip Model: 18MB120DS
H-Freq	67.5 Khz	67.5 Khz
Max. Pixel Freq.	74.25 MHz	74.25 MHz
V-Freq	60 Hz	60 Hz
Size	55"	65"
Backlight Type	DLED	DLED
Panel Technology	IPS	IPS
Panel Type	16/7 Panel	16/7 Panel
Front Type	Ultra Narrow Bezel	Ultra Narrow Bezel
Orientation	Horizontal	Horizontal
Resolution	1920x1080 (16:9) - FHD	3840 x 2160 (16:9) - UHD
Active Area	1210 mm (H) x 681 mm (V)	1429 mm (H) x 804 mm (V)
Brightness (Typ.)	400 cd/m2	400 cd/m2
Contrast Ratio (Typ.)	1200	1200
Panel life time (Min. / Typ.)	30000 / 50000 Hr	30000 / 50000 Hr
Viewing Angle	178°	178°
Response Time	9 ms	9 ms
Color Value	8 Bit, 16.7 M Colors	8 Bit, 16.7 M Colors
Areas of Usage	Indoor	Indoor
Monitor Connectivity		
RGB Input	Dsub 15 PIN VGA CON., YPbPr	Dsub 15 PIN VGA CON., YPbPr
RGB Output	N/A	N/A
VIDEO Input	2xHDMI2.0, DP1.2a, DVI, 1xUSB3.0, 1xUSB2.0	2xHDMI2.0, DP1.2a, DVI, 1xUSB3.0, 1xUSB2.0
VIDEO Output	DP1.2a	DP1.2a
AUDIO Input	LINE IN JACK	LINE IN JACK
AUDIO Output	LINE OUT JACK	LINE OUT JACK
External Control	RS232(DSUB 9P), RJ12, Ethernet	RS232(DSUB 9P), RJ12, Ethernet
External Sensor	N/A	N/A
Mechanical Features		
Size	1280mm (L) x 751mm (H) x 123mm (D)	1507mm (L) x 882mm (H) x 120mm (D)
Shipping Size	-	1670mm (L) x 1073mm (H) x 266mm (D)
Weight	21 KG	25.5 KG
Shipping Weight	25 KG	30.5 KG
Vesa Mounting Size	400 mm(H)x 200 mm(V) M6	400 mm(H)x 400 mm(V) M6
Bezel Width(Bottom-Side-Top)	34 mm / 34 mm / 34mm	38 mm / 38 mm / 38 mm
Working Conditions		
Temperature Conditions	+40°C / 0°C	+40°C / 0°C
Humidity	90%	90%
General Features		
Main Features	Open Content Management Support, Scheduler, USB-Autoplay, Auto-Launch, HDMI-CEC, HDMI-Hotplug, Auto-switch on Failover, Panel Lock	Open Content Management Support, Scheduler, USB-Autoplay, Auto-Launch, HDMI-CEC, HDMI-Hotplug, Auto-switch on Failover, Panel Lock
Mechanical Features	IR Touch, Joystick, IR Extender Support, Rocker Switch, Detachable power cable, Carrying slots, Detachable logo positioning, Internal usb cover, Cable Holder	IR Touch, Joystick, IR Extender Support, Rocker Switch, Detachable power cable, Carrying slots, Detachable logo positioning, Internal usb cover, Cable Holder
Optional Features	OPS Compliance	OPS Compliance
Speaker	2 x 8 W	2 x 8 W
Power		
Power Supply	110 VAC - 240 VAC	110 VAC - 240 VAC
Power Consumption(Off)	≤0.5W	≤0.5W
Power Consumption(Active-StandBy)	14 W	14 W
Power Consumption(On)	54 W	74 W
Accessory		
Standard	QSG, Warranty Card, IB, Power Cord, Remote Control, RC Battery, Mounting Kit, Extension Brackets, IR Extender Cable	QSG, Warranty Card, IB, Power Cord, Remote Control, RC Battery, Mounting Kit, Extension Brackets, IR Extender Cable
Certification		
Safety Approval	✓	✓
CB	✓	✓
S-MARK	✓	✓
EMC Approval	✓	✓
CE	✓	✓
Reliability Approval	✓	✓

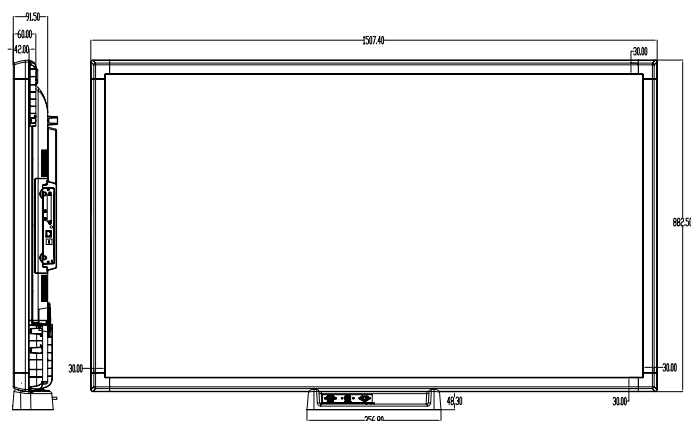


Touch Screen (Overlay Design)		
Type of Touch Technology	Infrared (IR) Technology	Infrared (IR) Technology
Supported Point	10 Points	10 Points
Sensitivity	Any touch with finger, gloved hand or pointer	Any touch with finger, gloved hand or pointer
Connectivity	HID, TUIO, Flash	HID, TUIO, Flash
Supported OS and applications	Windows®7, Windows®8, Windows®10, Vista, XP, Mac® OS, Linux, Android	Windows®7, Windows®8, Windows®10, Vista, XP, Mac® OS, Linux, Android
Orientation	Portrait and landscape support	Portrait and landscape support
Calibration	No need	No need
Accuracy	%90 <	%90 <
Reporting Rate	Up to 450 fps	Up to 450 fps
Glass type	Anti Glared (AG), Tempered	Anti Glared (AG), Tempered
Frame rate	up to 450 fps	up to 450 fps
Communication	USB 2.0	USB 2.0
Power supply Mode	USB	USB
Supply voltage	DC 5V +/- 5%	DC 5V +/- 5%
Average current	<400mA	<400mA
Response time	<10ms	<10ms
Touch Accuracy	+/-2mm (over 90% area)	+/-2mm (over 90% area)
Object sizes for touch	5mm	5mm
Touch Durability	Unlimited	Unlimited
HID compatibility	Yes USB	Yes USB

* Specifications and features are subject to change without prior notice.



55"



65"

VESTEL

IFPD Series

Interactive Flat Panel

75", and 84"

Discover the best touch screen experience with our new generation of interactive flat panel displays. Built with new mechanical and design features, they come with a powerful processor, OPS and an anti-glare screen.



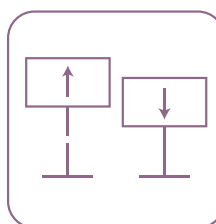
Capabilities

- Write on the screen with your finger or a pen, and erase
- Touch the screen to navigate through documents, videos, presentations, or websites
- Make notes, draw shapes, move, scale, or rotate the images with a finger touch
- Save your notes, graphs, text, audio files to print, e-mail, or share them
- Switch from writing notes to navigating applications and back
- Create video or audio files to teach an application or a lecture to be posted
- Record instructions as video files and post the materials for review
- Control the PCs / tablets in the classroom from the display

Model	Touch
75"	10
84"	10

Touch Options

We offer anti-glare and anti-reflective touch screen options.



Adjustable Stand

Interactive Flat Panel Displays can either be wall-mounted or they can be used with an optional adjustable stand.

Anti-Glare Glass

Designed with anti-glare technology, our displays prevent the on-screen image from being obscured by any light reflections.

Tempered Glass

Offering a more robust design, our touch screens are made with toughened glass material.

OPS Support

All our products in this series offer compliance with OPS (Open Pluggable Standard). OPS will empower your screens with enhanced processing power and ability to choose Windows or Android as your operating system to fit your specific application.

Advanced Connectivity

Thanks to its wireless connectivity, this series allows for screen sharing via Miracast.

Interactive White Board Application

Thanks to their 4K UHD resolution, our screens can display content more clearly, bringing every on-screen detail into focus.

Suitable Design For Meeting Rooms

Designed in a range of alternative sizes, our Ultra HD products can be used for a variety of applications, big or small.

Suitable Design for Meeting Rooms

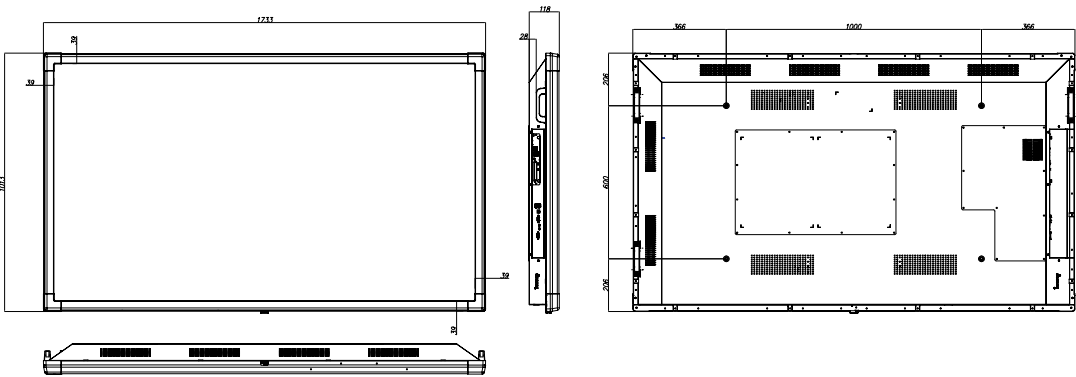
Use Vestel's interactive flat panel displays to bring your workforce together. Our Ultra HD products can be used for interactive presentations, brainstorming and training.

	IF75M40	IF86M60
Panel		
H-Freq	135 kHz	270 kHz
Max. Pixel Freq.	297 MHz	74.25 MHz
V-Freq	120 Hz	120 Hz
Size	75"	84"
Backlight Type	DLED	ELED
Panel Front Type	Hard Coating	Hard Coating
Orientation	Horizontal	Horizontal
Resolution	1920 x 1080 (16:9)	3840 x 2160 (16:9)
Active Area	1650.24 (H) x 928.26 (V)	1860.48 (H) x 1046.52 (V)
Brightness (Typ.)	400 cd/m2	350 cd/m2
Contrast Ratio	5000:1	1400:1
Panel life time (Min. / Typ.)	30,000 hr / 50,000 Hr	30,000 hr / 50,000 Hr
Viewing Angle	178°	178°
Response Time	6 ms	5 ms
White Uniformity	≤ 25%	≤ 25%
Color Value	8 bit, 16.7 M colors	10 bit, 1.06B
Touch Sensor	10-pt Touch	10-pt Touch
Panel Front Cover Glass	4mm Anti-glare	4mm Anti-glare
Areas of Usage	Indoor	Indoor
Monitor Connectivity		
RGB Input	VGA In	VGA In
Video Input	2 x (HDMI 1.3 with HDCP)	HDMI 1.4 + HDMI 2.0
Audio Input	Line-in Jack	Line-in Jack
USB	USB B-Type (For external touch only)	USB B-Type (For external touch only)
Audio Output	Line-out Jack	Line-out Jack
External Control	RS232 (D-Sub 9P)	RS232 (D-Sub 9P)
Mechanical Features		
Size	1732mm(H) x 1012mm(V) x 116mm(D)	1954mm(H) x 1139mm(V) x 101mm(D)
Package Size	1882 mm(W) x 1172mm(L) x 205mm(H)	2050 mm(W) x 1250 mm(L) x 190 mm(H)
Product Weight	80 kg	106 kg
Total Weight (with Package)	135 kg	200 kg
Vesa Mounting Size	1000 mm(H) x 600 mm(V)	600 mm(H) x 400 mm(V)
Working Conditions		
Temperature Conditions	0°C / +40°C	0°C / +40°C
Humidity (Test Condition)	90%	90%
Storage Conditions		
Temperature Conditions	-15°C / +40°C	-15°C / +40°C
General Features		
Control Buttons	Function Controlling with 6 Keys	Function Controlling with 6 Keys
Speaker	2 x 10 W ±10%	2 x 13.5 W ±10%
Power		
Power Supply	110 - 240 VAC / 50 - 60Hz	110 - 240 VAC / 50 - 60Hz
Power Consumption(Deep StandBy)-Intel OPS	< 3W	<3W
Power Consumption(On Full Load)-Intel OPS	385W	545W
OPS Compatibility	OPS-QM330, OPS-QM350	OPS-QM330, OPS-QM350
Accessory		
Standard	IB, Power Cord, Remote Control, RC Battery, HDMI Cable, Stylus Pen	IB, Power Cord, Remote Control, RC Battery, HDMI Cable, Stylus Pen
Certification		
Safety Approval	✓	✓
CB	✓	✓
S-MARK	✓	✓
EMC Approval	✓	✓
CE	✓	✓

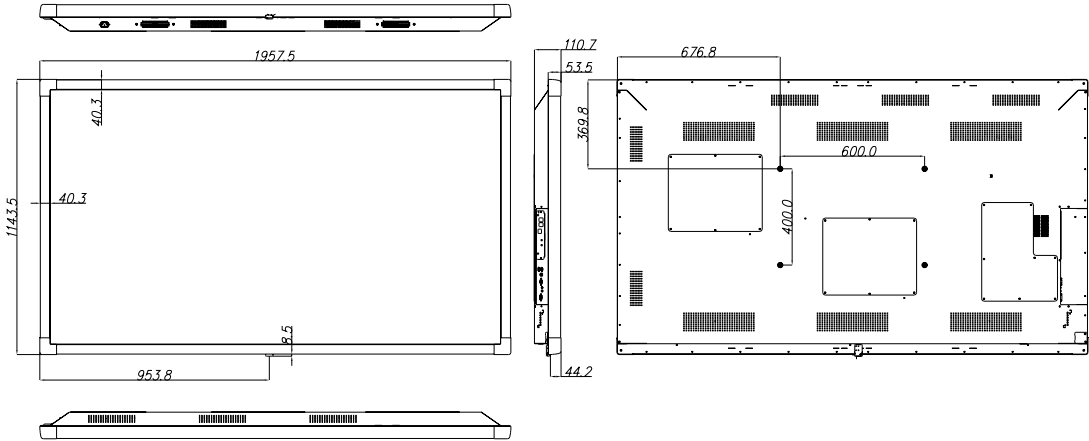
* Specifications and features are subject to change without prior notice.



75"



84"





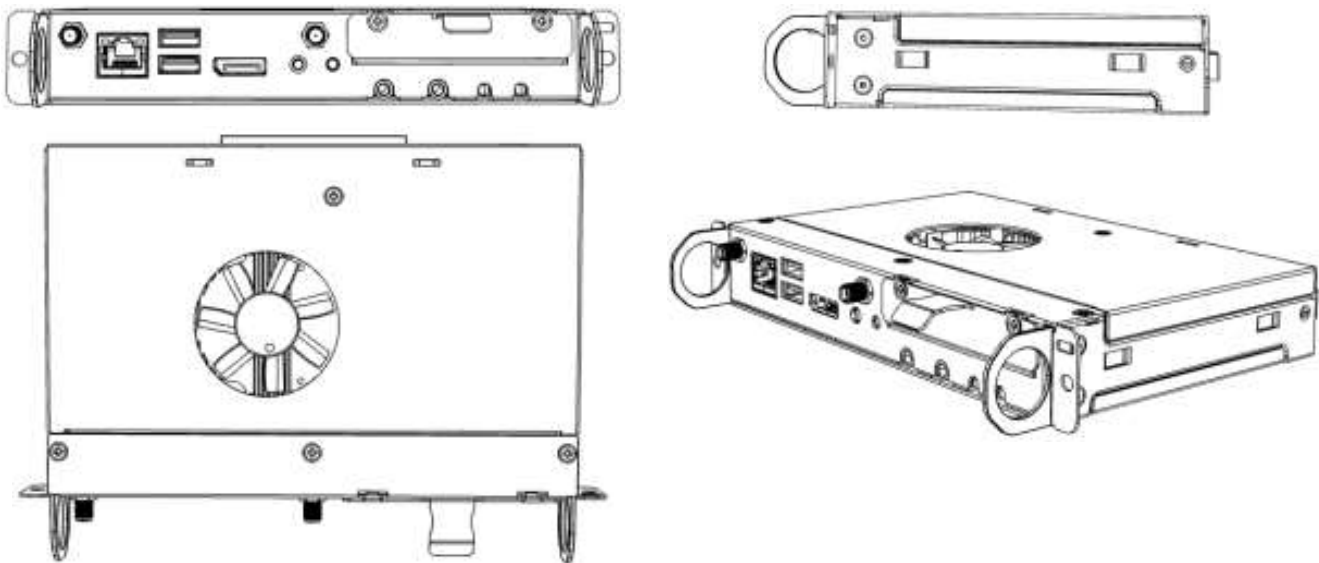
VESTEL

Plugin OPS Module

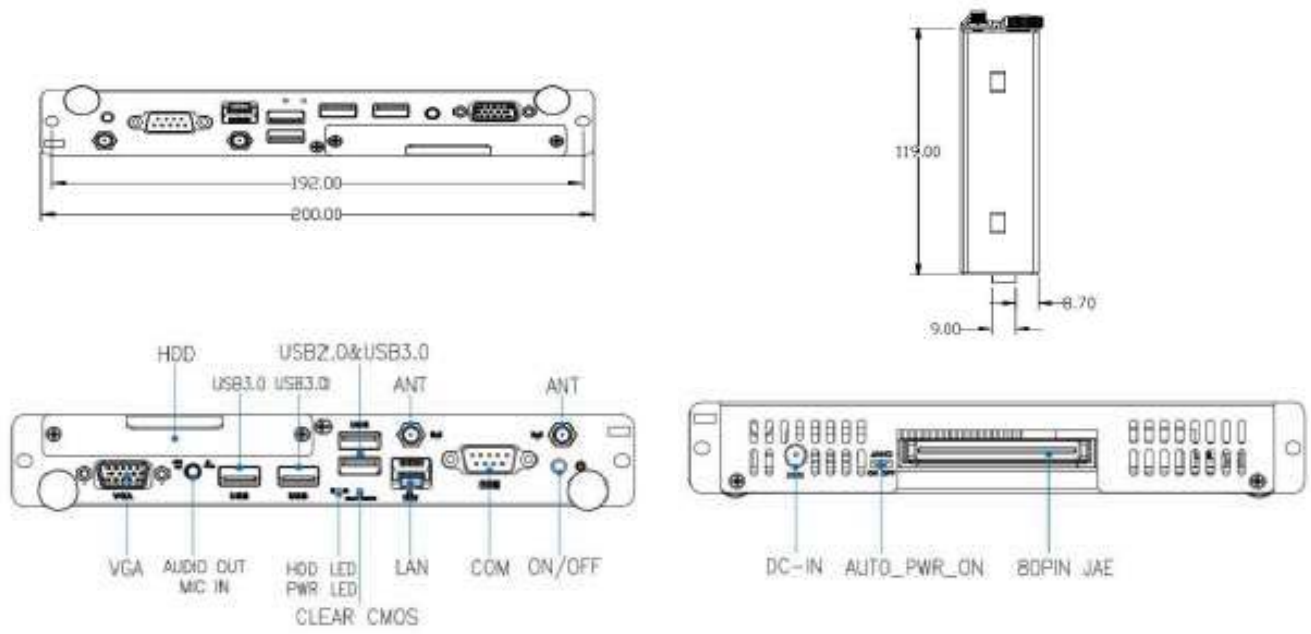
Vestel's pluggable processors (OPS) are designed to give extra computational power to our displays.

Model Name	OPSJ1900	OPSSL630	OPSSL650	OPSRK150	OPSQM330	OPSQM350	OPSATOM
CPU	Intel® Celeron® J1900	Intel® Core™ i3-6100U, Skylake-U SoC	Intel® Core™ i5-6200U, Skylake-U SoC	RockChip RK3188	Intel® Core™ i3-3120ME	Intel® Core™ i5-3610ME	Intel® Atom™ D2550
Chipset	N/A	N/A	N/A	N/A	Intel® QM77 with vPro	Intel® QM77 with vPro	Intel® NM10
Resolution Support	Full HD Max.2560x1440 @60Hz	Ultra HD, Max. 4096 x 2304 @24Hz	Ultra HD, Max. 4096 x 2304 @24Hz	Full HD Max.2560x1440 @60Hz	Full HD Max.2560x1440 @60Hz	Full HD Max.2560x1440 @60Hz	Full HD Max.2560x1440 @60Hz
GPU	Intel® HD Graphics	Intel® HD Graphics 520	Intel® HD Graphics 520	MALI- 400 MP GPU up to 600 Mhz	Intel® HD Graphics 4000	Intel® HD Graphics 4000	Integrated
Memory	2 x SO-DIMM DDR3L, Up to 8GB	2 x SO-DIMM DDR3L, Up to 16GB	2 x SO-DIMM DDR3L, Up to 16GB	2 GB DDR3	4 GB DDR3, Up to 8 GB	4 GB DDR3, Up to 8 GB	4 GB DDR3
Network	LAN: 10/100 Mbps, WLAN: 802.11 a/g/n, Bluetooth 4.0	LAN: 10/100 Mbps, WLAN: 802.11 a/g/n, Bluetooth 4.0, 4G (optional)	LAN: 10/100 Mbps, WLAN: 802.11 a/g/n, Bluetooth 4.0, 4G (optional)	LAN: 10/100 Mbps, WLAN: 802.11 a/g/n, Bluetooth 4.0	vPro, PXE, AMT (i5-3610ME required), LAN: 10/100 Mbps, WLAN: 802.11 a/g/n	vPro, PXE, AMT (i5-3610ME required), LAN: 10/100 Mbps, WLAN: 802.11 a/g/n	LAN: 10/100 Mbps
Storage	SSD 256 GB, HDD 500 GB	SSD 256 GB, HDD 500 GB	SSD 256 GB, HDD 500 GB	Internal Storage: 8 GB Nand Flash, SD Card : Up to 32 GB	SSD 256 GB, HDD 500 GB	SSD 256 GB, HDD 500 GB	Internal Storage: 4 GB, HDD 500 GB
I/O Ports	1 x RJ45 2 x USB2.0 1 x Display Port 1 x Headphone 3.5 mm jack 1 x Microphone 3.5 mm jack 2 x WiFi antenna connector 1 x Power button 1 x Reset button	1 x RS232 3 x USB3.0 1 x USB2.0 1 x HDMI 1 x Headphone 3.5 mm jack 1 x Microphone 3.5 mm jack 2 x WiFi antenna connector	1 x RS232 3 x USB3.0 1 x USB2.0 1 x HDMI 1 x Headphone 3.5 mm jack 1 x Microphone 3.5 mm jack 2 x WiFi antenna connector	1 x RJ45 2 x USB2.0 1 x USB OTG 1 x Headphone 3.5 mm jack 1 x Microphone 3.5 mm jack 1 x WiFi antenna connector 1 x SD Card Slot	1 x RJ45 2 x USB 3.0 ports 2 x USB 2.0 ports 1 x Headphone 3.5 mm jack 1 x Microphone 3.5 mm jack 1 x Microphone 3.5 mm jack 2 x WiFi antenna connector	1 x RJ45 2 x USB 3.0 ports 2 x USB 2.0 ports 1 x Headphone 3.5 mm jack 1 x Microphone 3.5 mm jack 2 x WiFi antenna connector	1 x RJ45 2 x USB2.0 1 x VGA (out) 1 x Display Port 1 x Power button 1 x Reset button 1 x Audio (line-out, mic-in) 1 x UART
Operating System	Windows 10	Windows 10	Windows 10	Android 4.4 Kitkat	Windows 10	Windows 10	Windows 10
Available Models/Series	STM, PDM, PDH, UHM, IFM	STM, PDM, PDH, UHM, IFM	STM, PDM, PDH, UHM, IFM	STM, PDM, PDH, UHM, IFM	IF, CD, STM, PDM, PDH, UHM, IFM	IF, CD, STM, PDM, PDH, UHM, IFM	32" CD

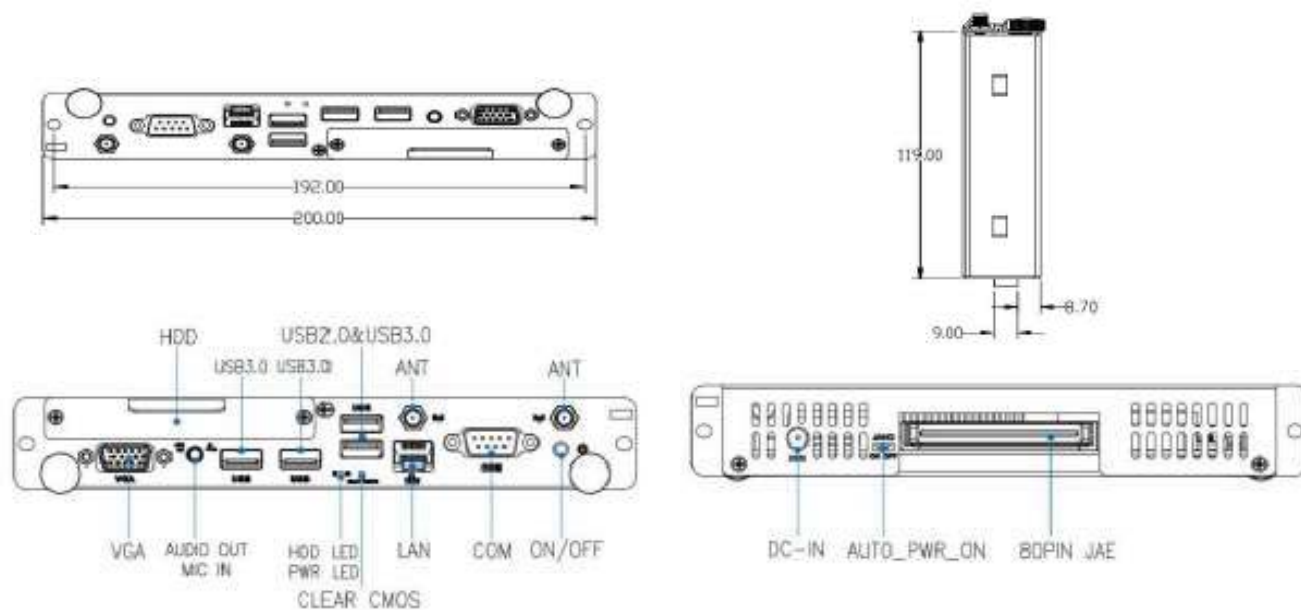
* Specifications and features are subject to change without prior notice.



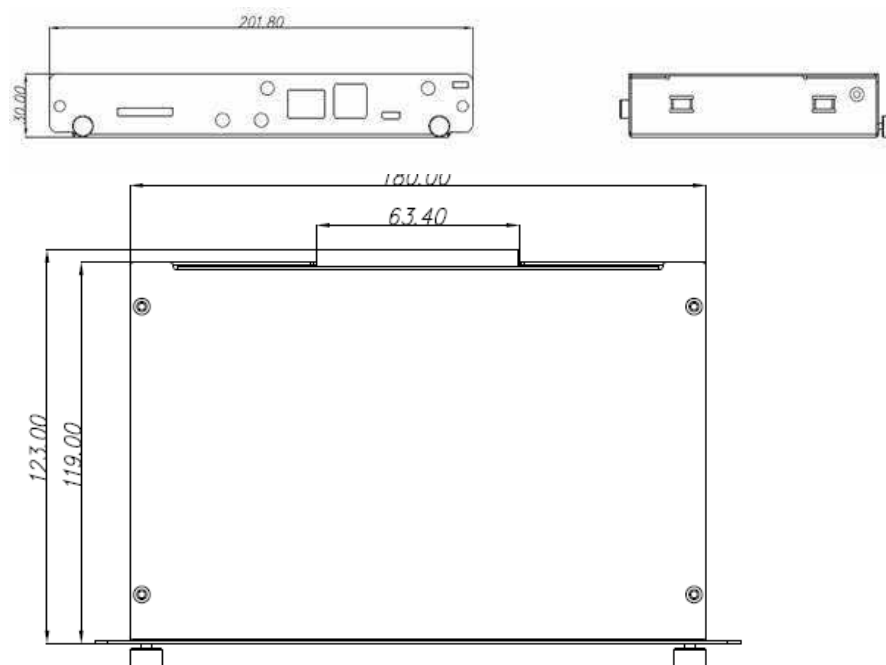
OPSJ1900



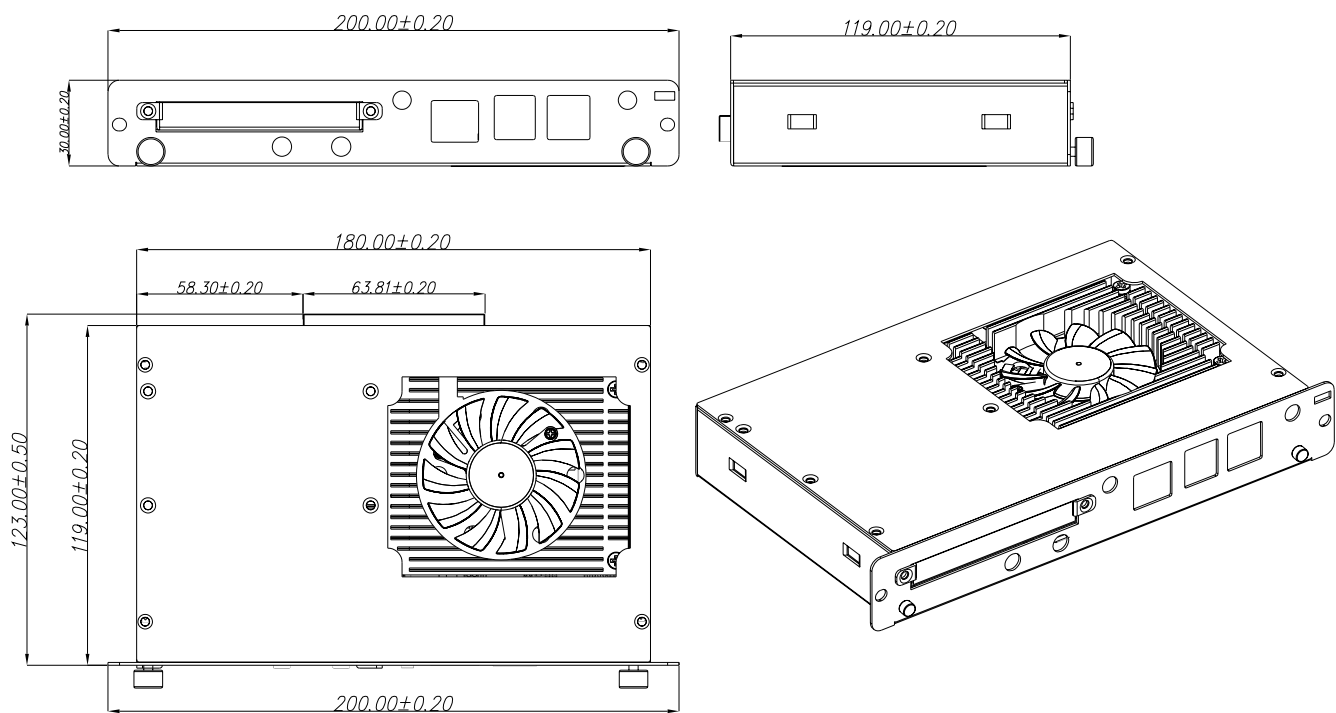
OPSSL630



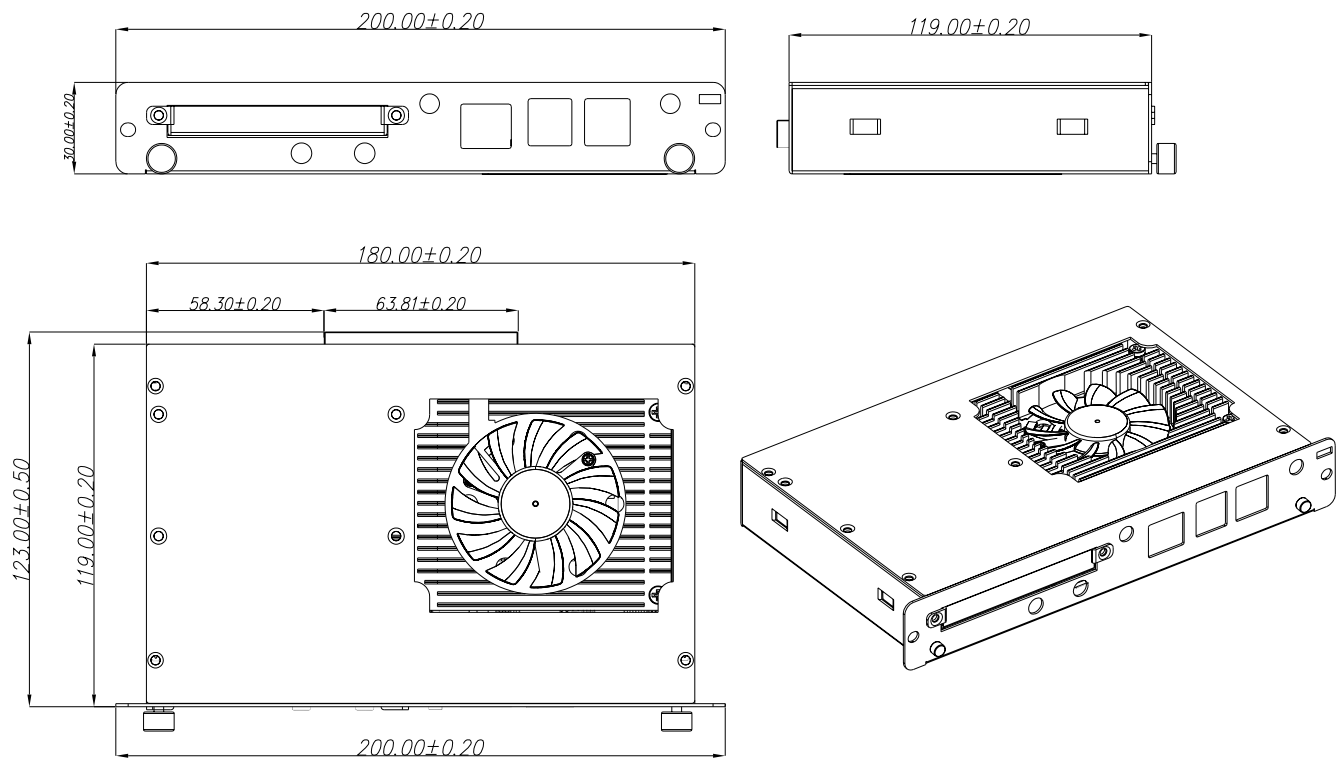
OPSSL650



OPSRK150

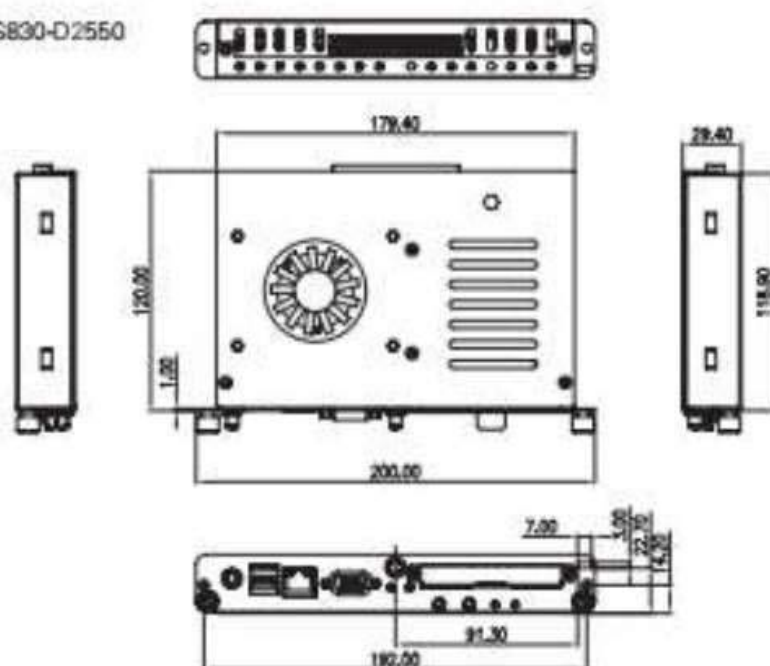


OPSQM330



OPSQM350

OPS830-D2550



OPSATOM

VESTEL

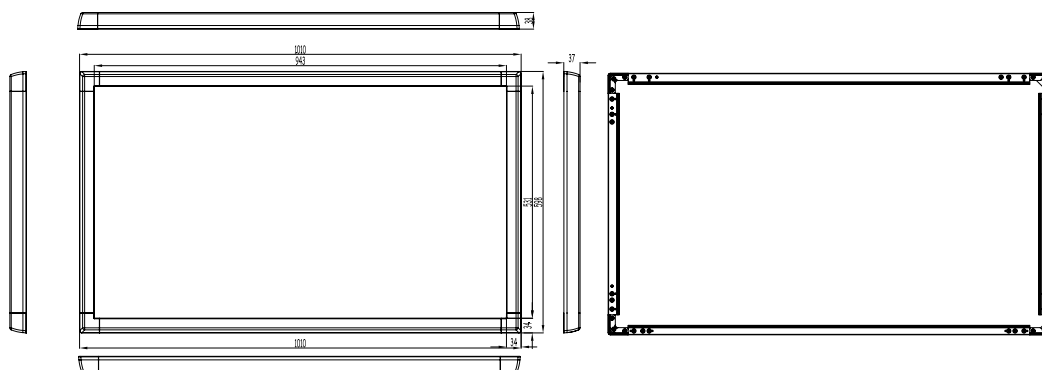
VESTEL Overlay Touch Kit

Make our new generation series smart by adding our overlay touch screens.

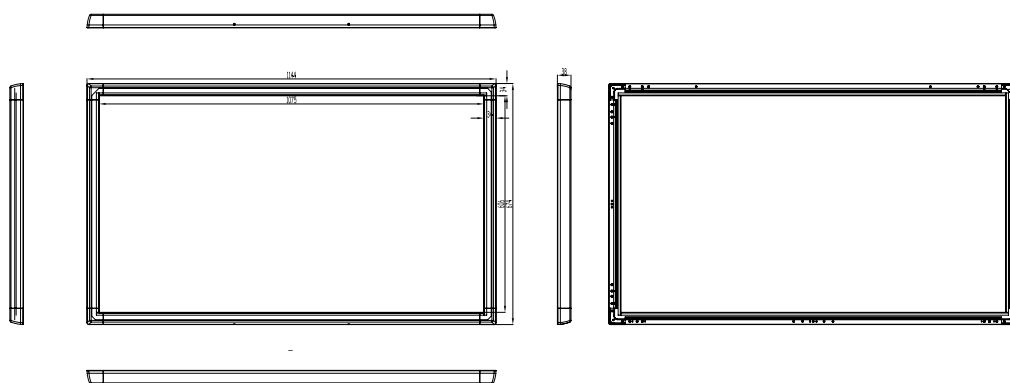
	TCH43IR01	TCH49IR01	TCH55IR01	TCH65IR01
Touch Screen (Overlay Design)				
Type of Touch Technology	Infrared (IR) Technology	Infrared (IR) Technology	Infrared (IR) Technology	Infrared (IR) Technology
Supported Point	10 Points	10 Points	10 Points	10 Points
Sensitivity	Any touch with finger, gloved hand or pointer	Any touch with finger, gloved hand or pointer	Any touch with finger, gloved hand or pointer	Any touch with finger, gloved hand or pointer
Connectivity	HID, TUJO, Flash	HID, TUJO, Flash	HID, TUJO, Flash	HID, TUJO, Flash
Supported OS and applications	Windows®7, Windows®8, Windows®10, Vista, XP, Mac® OS, Linux, Android	Windows®7, Windows®8, Windows®10, Vista, XP, Mac® OS, Linux, Android	Windows®7, Windows®8, Windows®10, Vista, XP, Mac® OS, Linux, Android	Windows®7, Windows®8, Windows®10, Vista, XP, Mac® OS, Linux, Android
Orientation	Portrait and landscape support	Portrait and landscape support	Portrait and landscape support	Portrait and landscape support
Calibration	No need	No need	No need	No need
Accuracy	%90 <	%90 <	%90 <	%90 <
Reporting Rate	Up to 450 fps	Up to 450 fps	Up to 450 fps	Up to 450 fps
Glass type	Anti Glared (AG), Tempered	Anti Glared (AG), Tempered	Anti Glared (AG), Tempered	Anti Glared (AG), Tempered
Frame rate	up to 450 fps	up to 450 fps	up to 450 fps	up to 450 fps
Communication	USB 2.0	USB 2.0	USB 2.0	USB 2.0
Power supply Mode	USB	USB	USB	USB
Supply voltage	DC 5V +/- 5%	DC 5V +/- 5%	DC 5V +/- 5%	DC 5V +/- 5%
Average current	<400mA	<400mA	<400mA	<400mA
Response time	<10ms	<10ms	<10ms	<10ms
Touch Accuracy	+/-2mm (over 90% area)	+/-2mm (over 90% area)	+/-2mm (over 90% area)	+/-2mm (over 90% area)
Object sizes for touch	5mm	5mm	5mm	5mm
Touch Durability	Unlimited	Unlimited	Unlimited	Unlimited
HID compatibility	Yes USB	Yes USB	Yes USB	Yes USB
Compatible Products	STM43UG02, PDM43UG12, PDH43UG12	STM49UG02, PDM49UG12, PDH49UG12	STM55UG02, PDM55UG12, PDH55UG12, UHM55UG02	UHM65UG02, UHH65UG12
Mechanical Dimensions				
Size	1010mm (L) x 598mm (H) x 37mm (D)	1238mm (L) x 712mm (H) x 104mm (D)	1280mm (L) x 751mm (H) x 38mm (D)	1507mm (L) x 882mm (H) x 42mm (D)
Shipping Size	1195mm (L) x 718mm (H) x 178mm (D)	1369mm (L) x 874mm (H) x 165mm (D)	1369mm (L) x 875mm (H) x 165mm (D)	1620mm (L) x 1006mm (H) x 165mm (D)
Bezel Width	34 mm	34 mm	34 mm	38 mm

* Specifications and features are subject to change without prior notice.

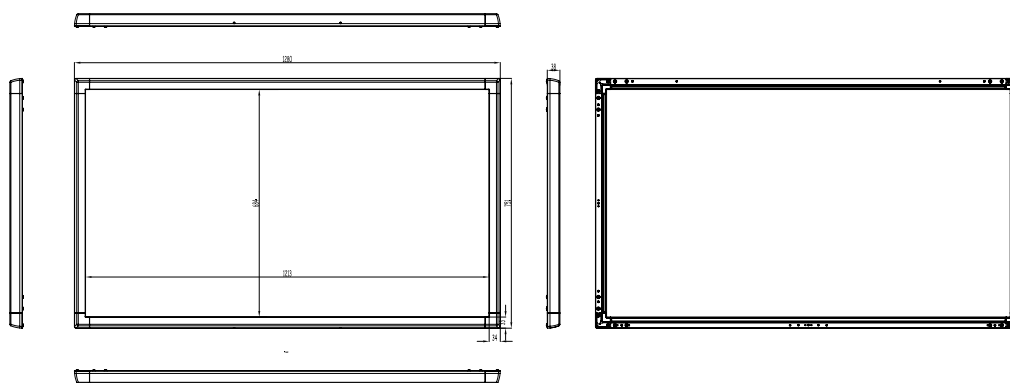
43495
DS Touch



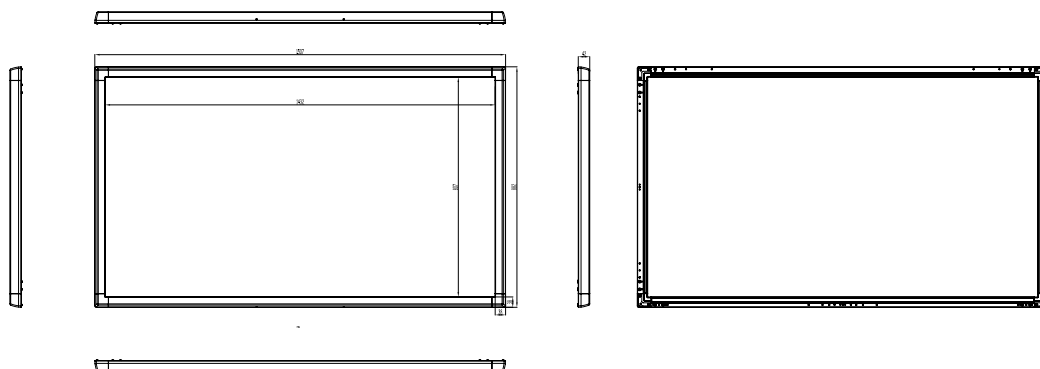
49495
DS Touch



55495
DS Touch



65495
DS Touch



VESTEL

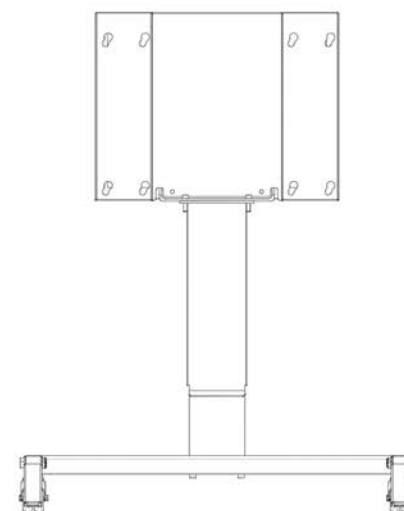
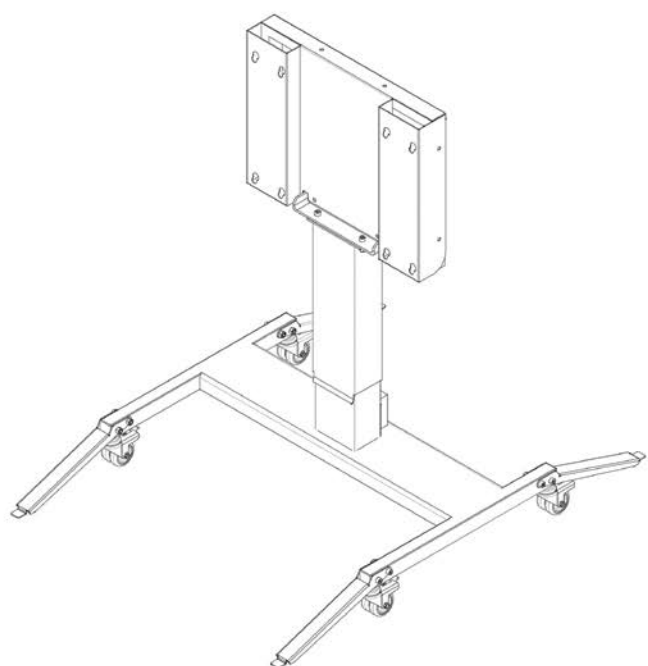
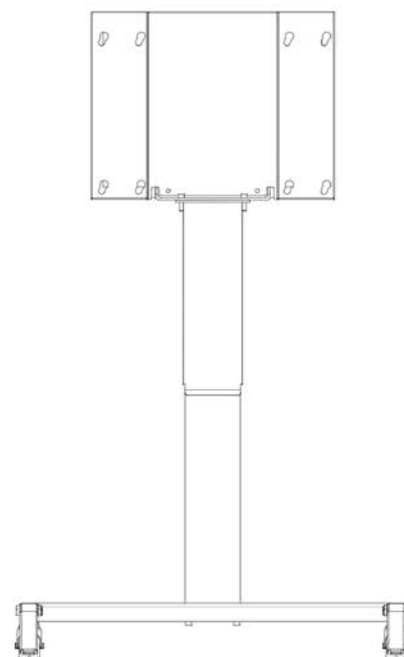
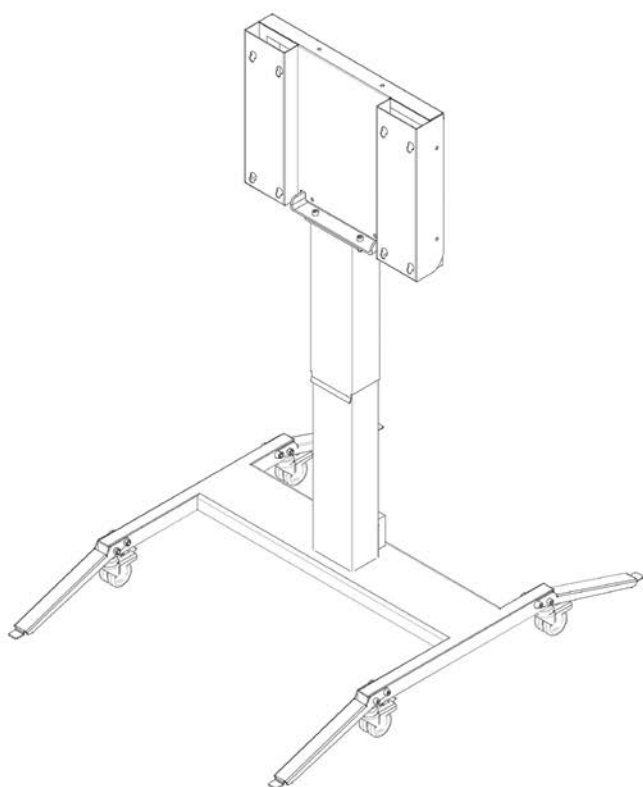
Motorized Stand

You will be able to make use of our adjustable motorized stands together with our IFPD products. (*)

* Motorized stand is only suitable for 84".

STDMS30	
General	
Colour	Black
Orientation	Landscape
Compatible Products	65", 75", 84"
Mobility	4 wheels
Electrical	
Input Voltage	100-240V AC
Input Frequency	50-60Hz
Input Current	2.5A
Output Voltage	24V DC
Output Current	6.67A
Mechanical	
Max. Height	1735 mm
Min. Height	1345 mm
Mounting Compatibility	600mm x 400mm VESA, 400mm x 400mm VESA
Package Size	-
Weight	91 kg
Package Weight	-

* Specifications and features are subject to change without prior notice.



This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



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Fax: 358 - (0) 9 251 7 8222

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