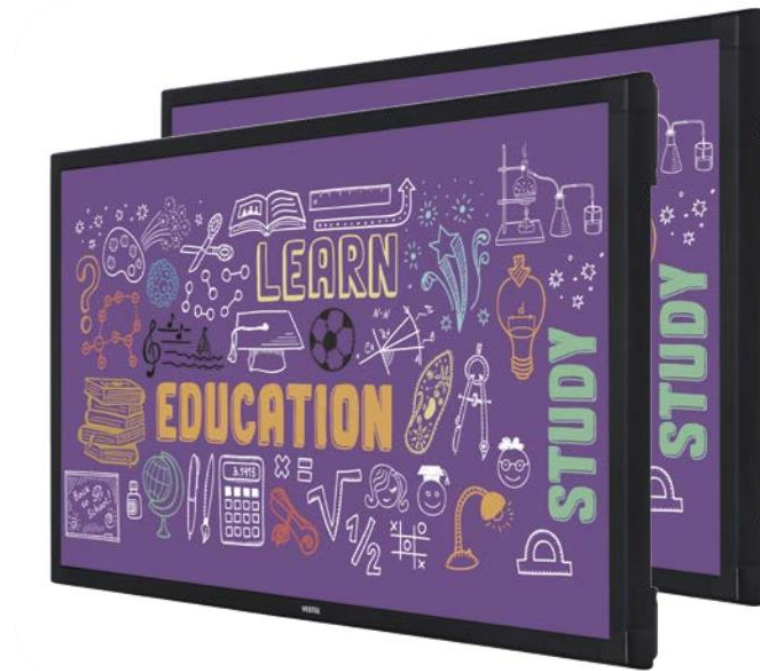


# xx495 Cabinet IFM Series Production Presentation



# IF and IFM Series (XX495 Cabinet)



IF Series

Only 55"



IFM Series

55" & 65"

- ✓ Maximize your user experience, this series offers many IFPD specific features.
- ✓ Designed with LED touch screen technology,
- ✓ Vestel Interactive Flat Panel Display is a dynamic and engaging solution for both education and business environments.
- ✓ Anti-Glare Glass



# Ports Solutions

## 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



USB



Microphone



Audio



Wi-fi  
Antenna

## OPS Modules



# Specifications

## 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



## 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.



## 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.

# Specifications



## 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

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.



## 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.

# Specifications

## Daisy Chain

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



## 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.

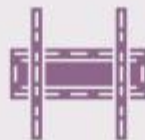
### Components



Quick start guide



Instruction manual



Wall mounting kit



IR extender



Batteries for remote controllers



Remote controller

# Controls Connections



## Open Platform Support

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.

## 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.

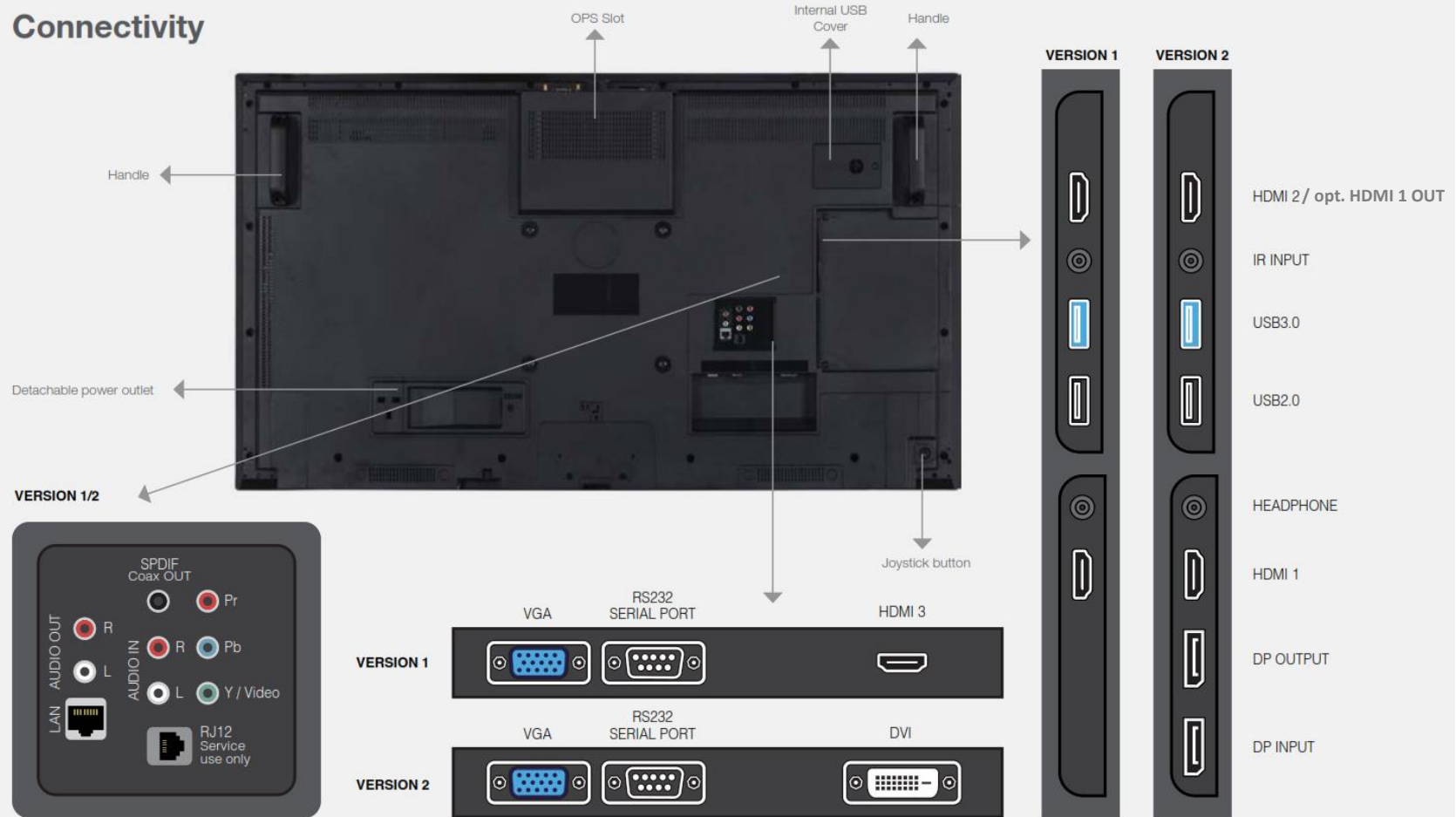


## RTC Option

If the electricity is cut off , Digital Signage Monitor will keep on Real Time Clock  
With this feature, you'll never have to worry about the status of your displays again

# Connectivity

## Connectivity





# IF & IFM Series Specifications

	IF55UG412	IFM55UG612	IFM65UG612
Panel			
Mainboard Model	System-On-Chip Model: 17MB120DSR4	System-On-Chip Model: 17MB120DSR4	System-On-Chip Model: 17MB120DSR4
Size	55"	55"	65"
Backlight Type	DLED	DLED	DLED
Panel Technology	Full HD 1080	4K ULTRAHD	IPS
Panel Type	Ultra	16/7 Panel	16/7 Panel
Front Type	Ultra	Ultra Narrow Bezel	Ultra Narrow Bezel
Orientation	Horizontal	Horizontal	Horizontal
Resolution	1920x1080 (16:9) - FHD	3840 x 2160 (16:9) - UHD	3840 x 2160 (16:9) - UHD
Active Area	1210 mm (H) x 681 mm (V)	1210 mm (H) x 681 mm (V)	1429 mm (H) x 804 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	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
Mechanical Features			
Size	1280mm (L) x 751mm (H) x 123mm (D)	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	21 KG	25.5 KG
Shipping Weight	25 KG	25 KG	30.5 KG
Vesa Mounting Size	400 mm(H)x 200 mm(V) M6	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	34 mm / 34 mm / 34mm	38 mm / 38 mm / 38 mm
Working Conditions			
Temperature Conditions	+40°C / 0°C	+40°C / 0°C	+40°C / 0°C
Humidity	90%	90%	90%
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-)	14 W	14 W	14 W
Power Consumption(On)	54 W	54 W	74 W

**HDMI™**
**DisplayPort**

**IPS**

**USB 3.0**
**Bluetooth™**


# Overlay Touch Kits Series Specifications



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



# THANK YOU

Vestel Application Engineering Department

HBB - 2017