

IFX Series 2020-2021



VESTEL

www.vestelvisalsolutions.com

IFX Series

Presenting our latest interactive display product range.
Available in sizes 65", 75", 86".



Android 9.0 OS



**Customizable
Front Design**

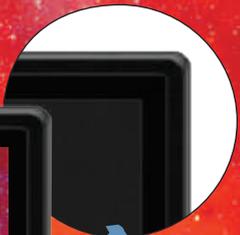


**NFC
Support**



Connectivity

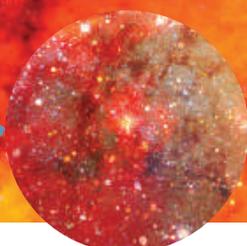
includes up to
4 x HDMI, VGA,
RS232 and 2 x
USB



Narrow bezel
≤ 15 mm



OPS support



4K resolution + HDR10



Touch-characteristic
Fast response 20 point
multitouch support



Accessories
Magnetic pen and
eraser locations



5H Tempered Glass



**Front facing
speakers**

 **DOLBY AUDIO™**



IMPRESSIVE 4K PERFORMANCE

Exceptional viewing

Superior picture quality with 4K resolution and 178 degree viewing angle

Eye-care solution

Designed to reduce eye strain with flicker free screen @ maximum brightness level.

Anti Glare Tempered Glass

Anti glare coating prevents excessive light reflection and provides a smooth touch performance. Toughened glass is incorporated into the robust design of display to avoid accidental damage to the screen.

Different Sizes for various classrooms

Available in 65", 75" and 86" screen sizes.



Flicker free



Anti-glare glass



Anti-shatter strengthened glass

IMPROVED FLUENT TOUCH EXPERIENCE

Improved Multi - Touch Technology

Incorporating the latest 20 point IR Touch technology with faster response. The new IFX ranges designed to allow multiple user to interact simultaneously.

Smoother writing performance

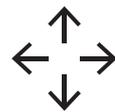
The super smooth surface allows for a highly precise and user-friendly writing experience.



20-point touch



High precision touch



Super glide surface



Palm erase





SIMPLE SETUP AND USAGE

Convenient Connectivity

Easy to connect IT devices with a variety of Input/Output options including HDMI, Display Port, VGA, and USB.

All-in-One with USB Type-C support

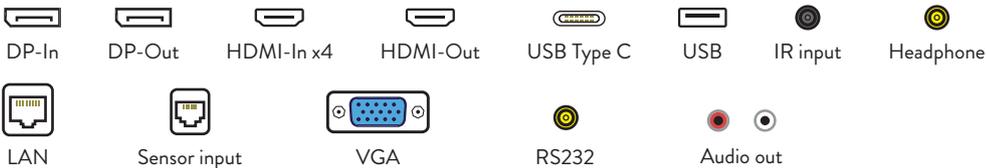
Transfer 4K video and data whilst powering/charging mobile devices.

Easy Management

Remote management via RS232 or RJ45 Ethernet connection

OPS Compatibility

Enhance processing capabilities using pluggable PC in OPS slot



NATURAL WRITING EXPERIENCE

Professional Pen Design

Passive magnetic pen with 2 different tip sizes can be assigned to different colors automatically

Palm Erase/Palm Rejection Support

Palm erasing and palm rejection functionality can be enabled in order to simplify the whiteboard experience.

USER INTERACTION WITH ANDROID™ EXPERIENCE

Ease of use

One touch access for lessons and collaboration tools including whiteboard, web browser, video conferencing app, WPS office, apps library, and native wireless screen sharing

Wireless presentation system

Share your screen more efficiently and conveniently in the classroom via EShare application

Bring your own device (BYOD)

Compatible with any operating system including Mac/Win/ iOS/Android/Chrome



Powered by Android



Over the air updates



CONVENIENT & EASY ACCESSIBILITY

Sound directed to classroom

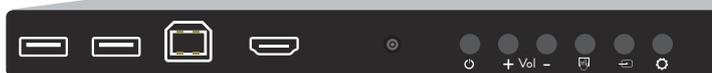
Front facing speakers offer better sound transmission to classroom and this increases the level of audiovisual performance during classes

Minimize unnecessary processes by front buttons

Switch sources, Touch enable/disable, Settings, Increase and Decrease Volume, Power On/off can be done with ease of front buttons

Easy access input ports

Easily connect computers and other devices using the front input panel.



USB USB USB Type B HDMI-In Proximity Sensor Microphone optional Control Buttons



INTERACTIVE CLASSROOM COLLABORATION AND PRESENTATION TOOL

Collaborate

View lessons, respond, share annotations, and take notes using any tablet or laptop

Annotate

Works over browser content & existing applications

Poll

Pose questions and gain immediate participant feedback, displaying results instantly.



MDM, AMS & SMART SENSOR SUPPORT

Set security to the next level for Account management

NFC will enhance security as well as identification for more personalized experience to users.

Reduce start up time and power consumption during inactivity

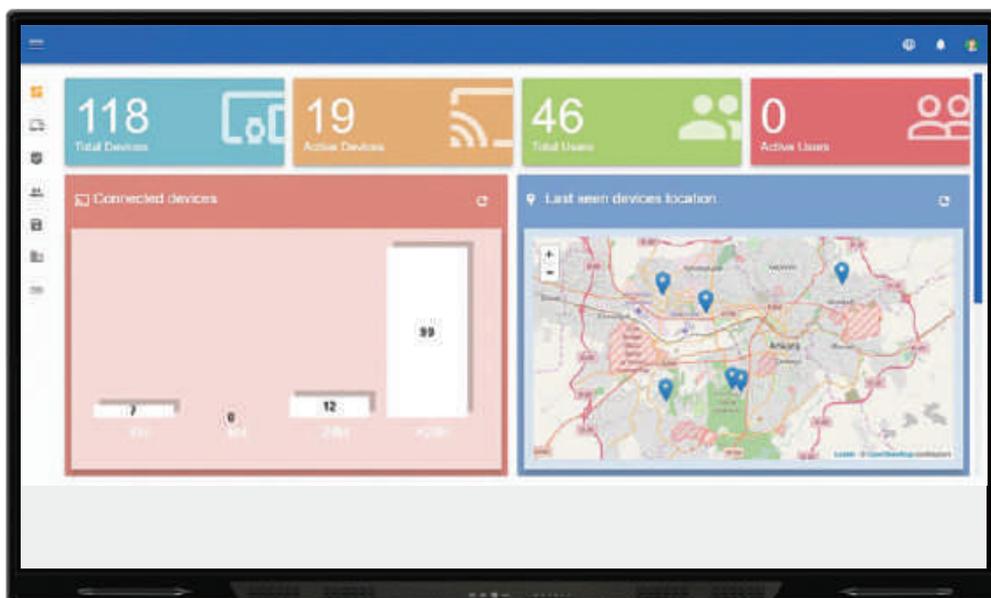
Proximity sensor warms the IFPD up when anybody walks in to the room and after touching power button product instantly opens

Ideal Brightness for classroom

With a help of external Ambient Light sensor, brightness of panel can be adjusted according to classroom light

Control & Monitor your IFX over Cloud

MDM gives you to the possibility of simple centralized management and monitoring of all your IFX products



IFX Series

Technical Specifications

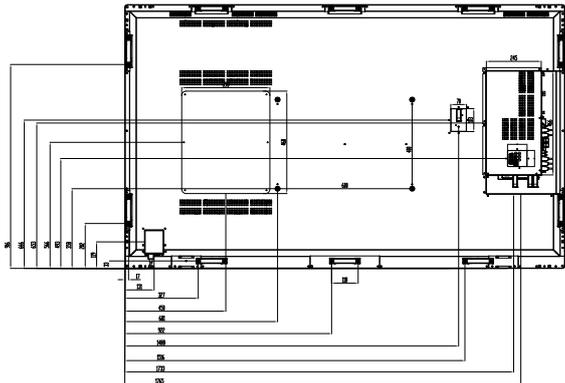
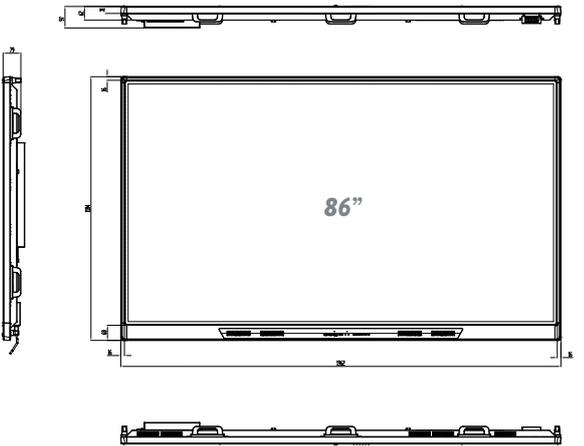
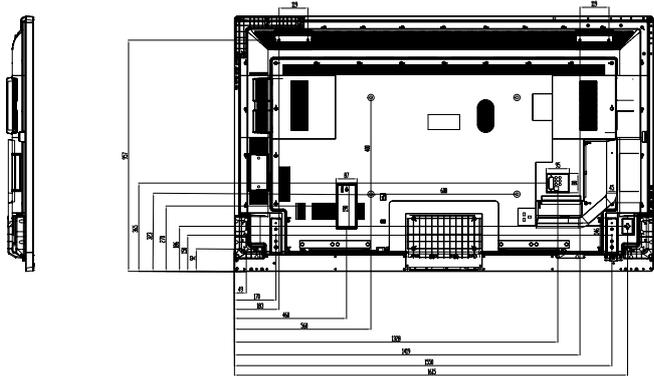
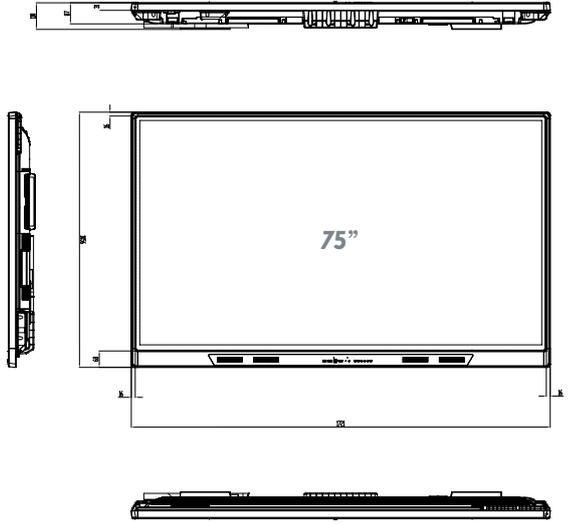
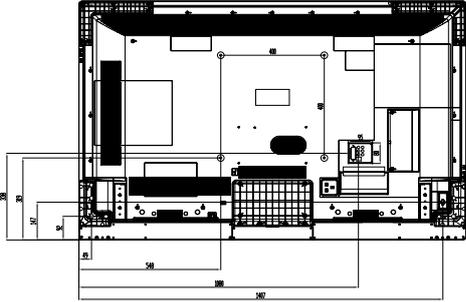
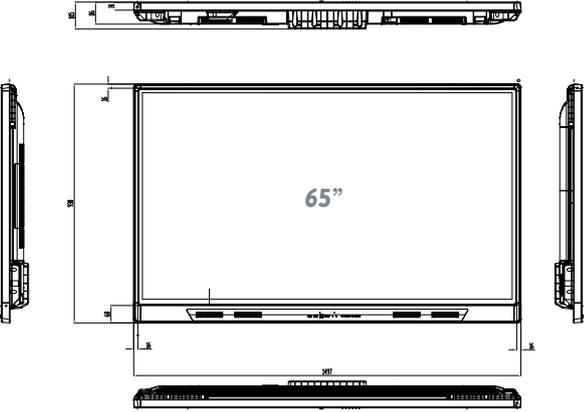


Screen Size	65"	75"	86"
Panel			
Backlight Type	Direct-Type LED		
Brightness	400Nits		
Native Resolution	3840 x 2160 (16:9) - UHD		
Contrast Ratio (typical)	1200:1		
Panel Life Time (Min.)	50.000 hrs		
Life Time (typical)	8 ms		
Active Area (H x V)	65": 1428 x 803 mm	75": 1650 x 928 mm	86": 1895 x 1066 mm
Viewing Angle	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10		
Color Value	1.07 B (10-bit)		
Refresh Rate	60 Hz		
HDR10	Yes		
Mainboard			
Mainboard Model	MB170VS		
Android Version	Android 9.0 Pie		
CPU	ARM CA55 Quad core with TEE 1.2GHz		
GPU	Mali470 MP3		
Storage	8GB EMMC+ SD card (1TB)		
Memory	1.5GB DDR3		
Speaker	Dual Front Facing,		
Dolby Audio Processing(DAP) optional			
Speaker Output	2 x 20 W		

Screen Size	65"	75"	86"
Monitor Connectivity			
RGB Input	VGA		
Video Input	1xDP1.2In, 4xHDMI2.0, 2xUSB2.0, USB2.0(Internal), 1xMicro USB, 1xMicroSD(up to 1TB), 1xUSB-C(optional)		
Video Output	1xDP1.2Out(optional), 1xHDMI2.0(optional)		
Audio	Headphone(Line-out), Optic SPDIF		
External Control	RS232(3.5mm jack), Ethernet(RJ45), Service(RJ12)		
External Sensor	RJ12		
HW Upgrade	OPS Compatibility		
Wifi Module	WFM25 Combo MT7668 (2T2R 802.11a/b/g/n/ac, 2.4/5G + BT)		
Bluetooth	Yes (4.2)		
Glass Hardness	5 Mohs		
Glass Type	Tempered glass antiglare		
Front Bezel Connectivity			
USB2.0 Type A	x2		
USB2.0 Type B	x1 for external touch support		
USB3.0 Type A	N/A		
HDMI In	x1 for external video input		
Microphone	Optional		
NFC	Optional		
Buttons/Center Console	<ol style="list-style-type: none"> 1. Standby on/off 2. Volume up 3. Volume down 4. Touch enable/disable 5. Source 6. Settings (may change upon request) 		
IR Receiver	Fixed		
Touch Technology			
Type of Touch Technology	Infrared (IR) Technology		
Continuous Touch Points	20 Points		
Touch Resolution	32768 x 32768 px		
Sensitivity	Any touch with finger, gloved hand or pointer		
Supported OS and Applications	Windows®7,Windows®8, Windows®10, Vista, XP, Mac® OS, Linux, Android		
Response Time	< 5 ms		
Touch Accuracy	+/- 1 mm (over 90% area)		
Eraser Included (block eraser)	1		
Pens Included	2		
Pen Type	Battery-less Pen		
Pen Holder	Integrated Full-length Magnetic Pen Tray		
Pen Tip Diameter	2.8mm & 6.4mm : 2 different pen tip differentiation		
Pen and Touch Differentiation	Yes		
Pen Identities	2		
Palm Detection	Yes		
Annotation Over Any Source	Yes		

Screen Size	65"	75"	86"
Software Features			
OS Version	Android 9 Pie		
User Interface	Custom		
Classroom Essential Apps	Our SW explanations are explained below: Quick apps bar, annotation tool, etc.		
Quick Apps Bar	Home, quick settings, whiteboard, capture, annotate, source selection, lock screen, 3 recent apps		
Annotation Tool	Cloud based, Screen crop capture, Different pen with different colours, Handwriting recognition, Basic education tools		
Navigation Palette	Source selection, Screen crop, Lock screen, Floating pen		
Quick Settings	Volume, Brightness, Palm erase		
Other features	Widgets and sticky notes		
Apps	Appstore, Whiteboard Annotation		
Login	NFC(Optional, not included in pricing), Bluetooth, multiple accounts/ passwords		
Apps with costup	Eshare, WPS Office, Radix MDM		
Mechanical			
Panel Dimensions - mm (Height x Width x Depth)	65": 1497 x 930 x 113	75": 1721 x 1056 x 113	86": 1962 x 1184 x 97
Bezel (Top/Side/Bottom) mm	15/15/66		
VESA Mount Point	65" : 400x400 (M6)	75" : 600x400 (M8)	86" : 600x400 (M8)

IFX Series





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