



**Projected Capacitive  
Touch Display  
Solution  
2018**

**VESTEL**

## 65" Touch-enabled, Interactive Flat Panel Display

Projected Capacitive (PCAP) Technology  
Anti-glare, scratch-resistant glass 4K display operates on Windows 10 with Intel vPro.

## Screen-sharing

Wireless screen-sharing with Intel Unite software with annotation support.

## Digital Ink – Meeting Collaboration

Automatically enable writing on any application thanks to Windows Ink support



## Audio System\*\*

Microphone Array (with Intelligent Voice Tracking) and built-in voice-optimized speakers.

## Stand / Accessories

Optional movable stands are available.

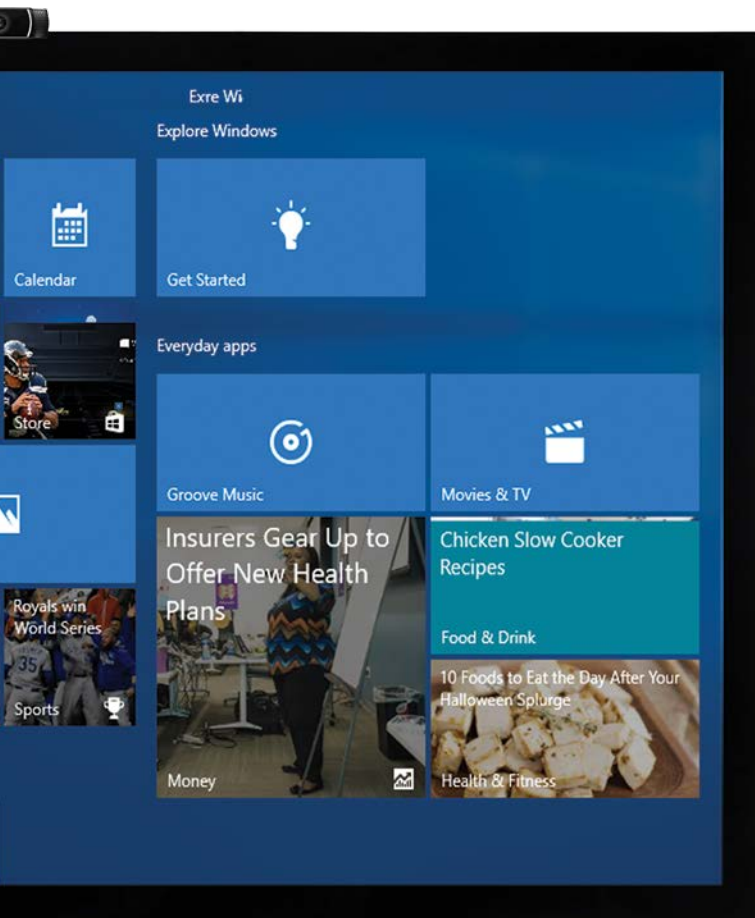
\*\* Optional

## Microsoft Translator – Cloud based machine translation service

Cost-effectively scale the reach and impact of your organization through enhanced communication and collaboration

## Cloud based Microsoft Office 365 Business Services Touch Gestures

Zoom, rotate and flick objects easily. Windows 10 OS touch support.



## Windows OS

Equipped with Windows 10 OS and Office Cloud 365 for business. It has the support of Windows Hello, Touch and Ink.

## Multi Pen

20-point multi touch support.

## Drive Seamless and Natural Meeting Collaboration Management and Access Control

Easily secure, deploy and manage devices with exceptional Intel vPro CPU.



## Establish collaborative team work

Vestel's Capacitive IFC screen unites your team in a creative and dynamic atmosphere where each member can contribute effortlessly. Thanks to its 20-point capacitive touch screen, with a stylus or fingertip, you can immediately work on the document at hand while others continue working at their parts.



## Powered by Windows 10

If desired, Vestel's Capacitive IFC is able to power up your meetings with a plug-in computer that comes with dedicated software such as *OneNote for business* & *Skype for business*\*. Additional variety of business and education software can also be utilized within Vestel's Capacitive IFPD.





## Active Pen – Precise working experience through capacitive screen

Active pen gives you a realistic pen on paper experience while writing on the Vestel screen; it provides a natural writing environment and effortless interaction during classroom delivery. The solution offers writing with high precision and accuracy without the hassle of distortion. With sensing 1024 levels of pressure sensitivity; draw lines that vary from thick to thin and dark to light. With palm rejection, you do not have to worry about potential errors caused by your palm resting on the screen.



Join meetings from anywhere in the world\*\*

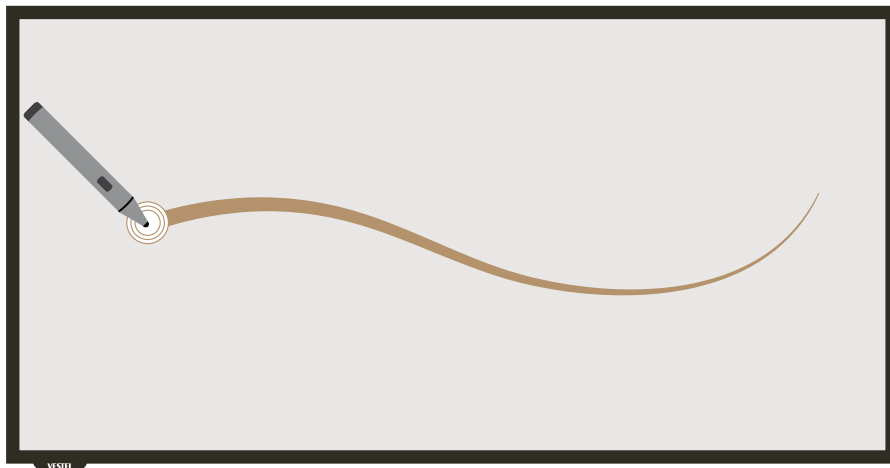
Taking advantage of particular professional software such as *Skype for Business\** and *Office 365* for Windows 10, Vestel's Capacitive Interactive Flat Panel Display allows your business partners to join your meetings effortlessly regardless of their location in the world. You can even work on the same document and decide your future plans real-time.

\*\* Camera is optional



## Extensive connectivity options

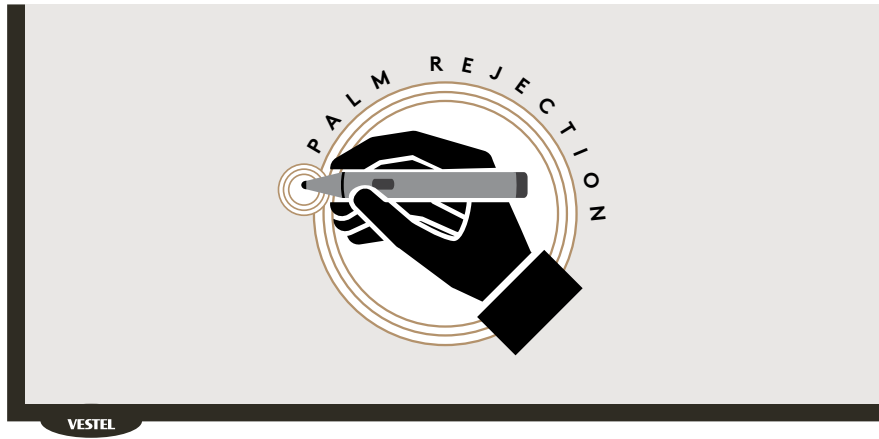
Vestel's PCAP Interactive Flat Panel Display supports many different video input/output such as HDMI in/out, DVI , Display Port in/out, VGA and audio input/output Line-in , Headphone out.



## Pressure sensitive touch screen that understands you

Vestel's newest IFC Series differentiates itself from its rivals with its revolutionary touch technology, pressure sensitive touch. This advanced technology recognizes the level of pressure and acts accordingly such as writing thin or bold. No need to go through all menu items over and over again. With this feature, it is just a click away.





## Write as you are used to

Vestel's PCAP touch screen solution gives you a perfect experience like you are writing on a sheet of paper in real life. This sensitive technology allows you to use Vestel Interactive Flat Panel Display in your meeting rooms to take notes and also share them simultaneously.



## Stylish look

Making use of Projective Capacitive Touch technology not only improved the capabilities of the IFPD but also made the display thinner and stylish. With Vestel PCAP IFPD, your office will gain an elegant look.





## Annotation

Vestel display solution has native Windows Ink support and automatically enables writing/Inking and annotation on any Windows App that supports. You can deliver class notes and share them simultaneously thru Office apps and Microsoft Whiteboard App. All kinds of Windows based software can be utilized within Vestel PCAP Interactive whiteboard.



## Ultra HD 4K Display

You will be able to experience excellent 4K content via USB, HDMI, DVI and display ports, and our 4K supporting pluggable computers (OPS). Vestel PCAP iFPD is best for any application that aim perfect visual experience for its users.





## Windows Start Button for ease of use\*\*

In our IFC series ease of use is elaborated. An example to this user-friendly environment of Vestel's newest IFPD is the physical Windows Home button\*. With this specific button, users will have the chance of switching between different software easily without interrupting the current work at hand.



## Cortana via far-field microphone\*\*

Not only you can interact with your iFPD by touching but also you can control your display with voice. By the help of Cortana voice control service\*, you can easily ask questions and get reply via embedded microphone in stead of writing. By this technology, you can gain time and speed up your meetings.

\*\* Optional



## Full login control over your display\*\* - Windows Hello

Equipped with a fingerprint sensor\*, you will have the full control over your display. Defining the users, you will be able to forbid the usage of the IFPD when you are not around. This feature appears quite functional in educational institutions where children may jeopardize the content and the device involuntarily.



## Plugin OPS Module

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

Model Name	OPSSL650
CPU	Intel® Core™ i5-6300U, Skylake-U SoC
Chipset	N/A
Resolution Support	Ultra HD, Max. 4096 x 2304 @24Hz
GPU	Intel® HD Graphics 520
Memory	2 x SO-DIMM DDR3L, Up to 16GB
Network	LAN: 10/100 Mbps, WLAN: 802.11 a/g/n, Bluetooth 4.0, 4G (optional)
Storage	SSD 256 GB, HDD 500 GB
I/O Ports	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
Operating System	Windows 10
Available Models/Series	STM, PDM, PDH, UHM, IFM

\*Microphone, cortana, skype, translator, start button, fingerprint are optional.

\*\* Optional



# Technical Specifications

## PANEL

Mainboard Model	17MB120DSR4-DSOPT6
H-Freq	67.5 kHz
Max. Pixel Freq.	74.25 MHz
V-Freq	60 Hz
Size	65"
Backlight Type	DLED
Panel Technology	IPS
Panel Type	16/7 Panel
Front Type	Black PCAP Touch Bezel
Orientation	Horizontal
Resolution	3840 x 2160 (16:9) - UHD
Active Area	1429 mm (H) x 804 mm (V) 400
Brightness (Cd/M2)	1200
Contrast Ratio	30000 / 50000 Hr
Panel Life Time ( Typ. ) Viewing	178°
Angle Response Time	9 ms
Color Value	8 Bit, 16.7 M Colors
Areas of Usage	Indoor

## MECHANICAL

Size	1507mm (L) x 882mm (H) x 120mm(D)
Shipping Size	1670mm (L) x 1073mm (H) x 266mm (D)
Weight	42.5 KG
Shipping Weight	47.5 KG
Vesa Mounting Size	400 mm(H)x 400 mm(V) M6
Bezel Width	38 mm/38 mm/38 mm

## FEATURES

Main Features	Open Content Management Support, Scheduler, USB-Autoplay, Auto-Launch, HDMI-CEC, HDMI-Hotplug, Auto-switch on Failover, Panel Lock
Mechanical Features	Projective Capacitive Touch (PCAP), Joystick, IR Extender Support, Rocker Switch, Detachable power cable, Carrying slots, Detachable logo positioning, Internal usb cover, Cable Holder
Optional Features	OPS Compliance
Speaker	2x 8W

## ACCESSORY

Standard	QSG, Warranty Card, IB, Power Cord, Remote Control, RC Battery, Mounting Kit, Extension Brackets, IR Extender Cable
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## MONITOR CONNECTIVITY

RGB Input	Dsub 15 PIN VGA CON., YPbPr
Video Input	2xHDMI2.0, 1xUSB3.0, 1xUSB2.0, 1xUSB2.0(USB cover)
Video Output	HDMI out
Audio Input	LINE IN JACK
Audio Output	LINE OUT JACK
External Control	RS232(DSUB 9P), RJ12, Ethernet

## WORKING CONDITIONS

Temperature Conditions	+40°C/0°C
Humidity	90%

## POWER

Power Supply	110 VAC - 240
Power Consumption (Off)	VAC ±0.5W
Power Consumption (Active - StandBy)	14 W
Power Consumption ( On Full Load )	74 W

## CERTIFICATION

Safety Approval	YES
CB	YES
S-Mark	YES
EMC Approval	YES
CE	YES
Reability Approval	YES

## TOUCH

Type of Touch Technology	Projected Capacitive
Supported Point Sensivity	10 Points Finger (Multi-Touch) Active Pen (Single Touch)
Connectivity	HID
Supported Operatings Systems	Windows®7, Windows®8, Windows®10, Vista, XP, Mac® OS, Linux, Android
Orientation	Portrait and Landscape
Calibration	No need
Accuracy	>%90
Reporting Rate	> 100 Hz
Glass Type	Anti Glare, Tempered
Communication	USB 1.1 Full Speed
Power Supply Mode	USB
Supply Voltage Level	5V
Average Current	<400 mA
Response Time	<25ms
Object Sizes for Touch	8mm for finger
Touch Durability	5 years

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