VESTEL

Meeting Room Solutions
2018

Screen Sharing Solution
Wireless collaboration for meeting rooms

Designed with LED touch screen technology, the Vestel Interactive Flat Panel Display is a dynamic and engaging business solution, offering a more efficient way to share knowledge as well as information. Enabling businesses to save time, office space and resource, our interactive flat panel displays wirelessly connect to Microsoft's Intel Unite, a cutting-edge software that offers a more user-friendly screen sharing tool. Requiring no additional hardware or software, Intel Unite promises to enhance productivity at work, reducing set up times for meetings and improving collaboration between participants.

Vestel Screen Sharing
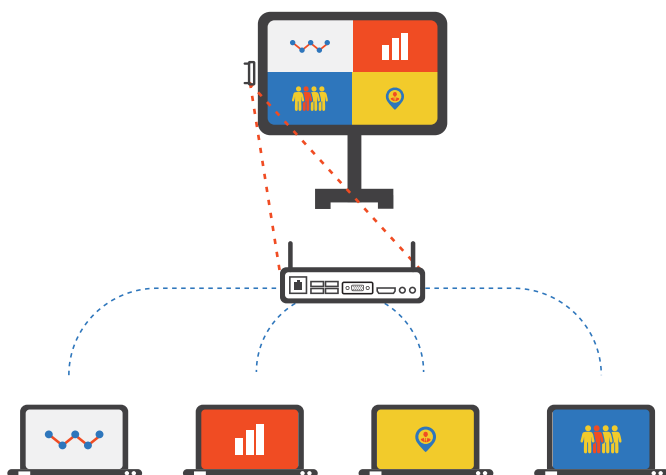
Features

- View Presentation
- Present Content
- Present Extended Display
- Virtual Extended Display
- Present Applications
- Share screen with up to 4 presenters (Dynamic)
- Take Over a Presentation
- Annotation
- Share a File
- Meeting Lock
- Auto Disconnect (close lid)
- View Attendees
- Peer to Peer (vPro* technology only)
- Video with Audio (screen sharing)

Conference Room Solution
Video conferencing and wireless collaboration

powered by Microsoft Office

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Designed as Windows 10 devices, Vestel interactive flat panel displays are powered by the Windows 10 operating system, running Windows desktop as well as all of the securiy features and native Universal Windows Platform (UWP) apps.

An integrated, all-in-one tool, the Vestel Conferencing Solution enhances the productivity of all your meetings, offering microphones and speakers as well as an HD video camera to enable rich audio, vido and data collaboration.

Microsoft   **Office**   **Skype for Business**   **OneNote**

Office 365 proposed plans

Office 365 Business Essentials	Office 365 Business Premium
Online versions of Office with email and video conferencing	All the features of Business Essentials and Business in one integrated plan
• Email with 50 GB mailbox • 1 TB file storage and sharing • HD video conferencing • Office Online	• Email with 50 GB mailbox • 1 TB file storage and sharing • HD video conferencing • Fully installed Office on PC/Mac • Office apps on tablets and phones

Software tools, such as Skype for Business, OneNote and all applications in Office 365 run natively within Vestel IFPDs.

Upgrading conferencing technology in meeting rooms across the globe, Skype for Business together with Office 365 applications make it easier to join meetings, enabling participants to see, hear and share more.

OneNote may create the screen sharing environment easy to participate with handwriting, annotation documents and sketching out your teams big idea. The natural feel of pen and paper meets the power of digital ink.

Choose your meeting room solution...

① Interactive Flat Panel Display

75", 84"		55", 65"

or

+

② OPS: Open Pluggable Specification

OPSQM350		OPSSL650/1

or

+
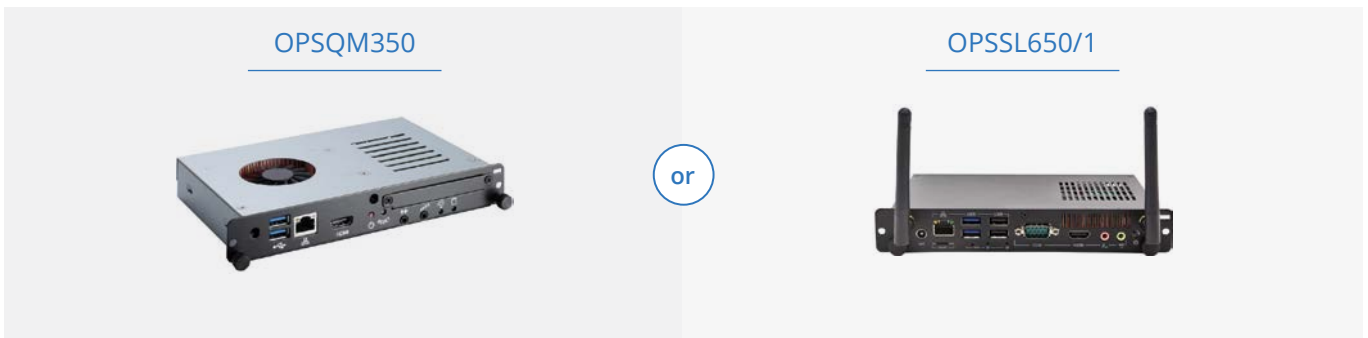
③ Software

for screen sharing		for video conferencing
intel UNITE	and/or	Office 365

* required OPS devices for Intel Unite are OPSQM350 and OPSSL651

Interactive Flat Panel Displays

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55" IF55UG402

- Infrared touch technology
- 10 point touch
- Open pluggable specification (OPS) compliance
- Carrying handles
- HDMI hotplug
- Auto source switching
- Cable holder
- Panel lock
- Scheduler

65" IF65UG602

- Infrared touch technology
- 10 point touch
- Open pluggable specification (OPS) compliance
- Carrying handles
- HDMI hotplug
- Auto source switching
- Cable holder
- Panel lock
- Scheduler

75"/84" IF75M40/IF84M60

- Infrared touch technology
- 10 point touch
- Open pluggable specification (OPS) compliance
- Carrying handles
- Panel lock

IPS   SS⟵⟶   HDMI   ⎙   Bluetooth™   intel

	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	30 KG	43 KG
Shipping Weight	36 KG	52 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

	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
AudioInput	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	√	√

Model Name	OPSSL650	OPSQM350
CPU	Intel® Core™ i5-6200U, Skylake-U SoC	Intel® Core™ i5-3610ME
Chipset	N/A	Intel® QM77 with vPro
Resolution Support	Ultra HD, Max. 4096 x 2304 @24Hz	Full HD Max.2560x1440 @60Hz
GPU	Intel® HD Graphics 520	Intel® HD Graphics 4000
Memory	2 x SO-DIMM DDR3L, Up to 16GB	4 GB DDR3, Up to 8 GB
Network	LAN: 10/100 Mbps, WLAN: 802.11 a/g/n, Bluetooth 4.0, 4G (optional)	vPro, PXE, AMT (i5-3610ME required), LAN: 10/100 Mbps, WLAN: 802.11 a/g/n
Storage	SSD 256 GB, HDD 500 GB	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	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
Operating System	Windows 10	Windows 10

* Specifications are subject to change without prior notice