IFD86TH650B/3

VESTEL

86" Android Based Interactive Flat Panel Displays

Key Features

Palm Erase
Automatic palm erasing function allows teachers and students to simplify the white board experience with smooth writing and erasing.

Ease of use with Android
Android gives teachers one touch access for lessons and collaboration tools including whiteboard, web browser, apps library, and native wireless screen sharing.

Wireless Presentation
Teachers, students or any user can share their screen efficiently and conveniently in the classroom or meeting room via EShare application. This application can connect any operating system and show up to 4 different screen at the same time.

Different Sizes for various classrooms
Available in a variety of large screen sizes, the IFD range gives customers the options to choose exactly what they need for their room size.

CRESTRON
connected

Crestron Connected
Crestron Connected certification complements VESTELs presence with inside the corporate, retail, government, better training and hospitality markets, all of which use expert AV controls. As those sectors hold to evolve with growing necessities for simple-to-use merchandise, seamless integration, dependable answers and community connectivity.

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VESTEL

DISPLAY

Screen Size	86"
Panel Technology	IPS
Backlight Type	Edge-Type LED
Brightness (typical)	400 cd/m²
Native Resolution	UHD: 3840 x 2160 - HDR10
Contrast Ratio (typical)	1200:1
Dynamic Constrast Ratio	50000:1
Panel Life Time (Min.)	30000 Hrs
Response Time (typical)	8 ms
Active Area (H x V)	1907 x 1076 mm
Pixel Pitch (H x V)	0.4935 x 0.4935 mm
PPI (pixel per inch)	52
Viewing Angle	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10
Color Value	1.07 B (10-bit)
Screen Treatment	2H
Haze Level	8%
Refresh Rate	120 Hz
Front Type	Black Touch Bezel Type
Orientation	Horizontal
Operation Hours	16/7
Area of Usage	Indoor

BUILT-IN SYSTEM

Mainboard Model	17MB135VS

REAR I/OS

RGB Input	VGA(DE-15F)
RGB Output	N/A
Video Input	3xHDMI2.0, 2xUSB2.0, USB2.0(Internal), 1xMicroSD
Video Output	HDMI2.0
Audio Input	Line In L/R
Audio Output	Headphone, Optic SPDIF
External Control	RS232(DE-9F), 2*Ethernet(RJ45), Service(RJ12)
External Sensor	RJ12

TOUCH INTERACTIVITY

Type of Touch Technology	Infrared (IR) Technology
Continuous Touch Points	10 Points
Sensitivity	Any touch with finger, gloved hand or pointer
Connectivity	HID, TUIO, Flash
Compatibility	Windows®7,Windows®8, Windows®10, Vista, XP, Mac® OS, Linux, Android
Orientation	Landscape support
Calibration	No need
Accuracy	%90 <
Reporting Rate	Up to 450 fps
Glass Type	Anti Glared (AG), 4mm 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)
Touch Durability	Unlimited
HID Compatibility	Yes USB
Object Sizes for Touch	5mm

MECHANICAL

Product Dimensions (WxDxH)	1975 x 103 x 1146 mm
Package Dimensions (WxDxH)	2163 x 318 x 1405 mm
Product Weight	90.5 kg
Package Weight	110.6 kg
Vesa Mounting	600 x 400 mm
Bezel Width	B:38| T:38	L/R:38 mm

ENVIRONMENTAL CONDITIONS

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

POWER

Power Supply	110 VAC - 240 VAC

POWER CONSUMPTION

Typical	280W
Deep Standby	≤0.5W

FEATURES

Main Features	USB-Autoplay, Auto-switch on Failover, Control Button Lock, HDMI Wake-Up
Mechanical Features	IR Touch, Joystick, IR Extender Support, Rocker Switch, Detachable power cable, Carrying handles, Detachable logo positioning, Cable Holders
Optional Features	OPS Compliance
Speaker	2 x 12 W

ACCESSORY

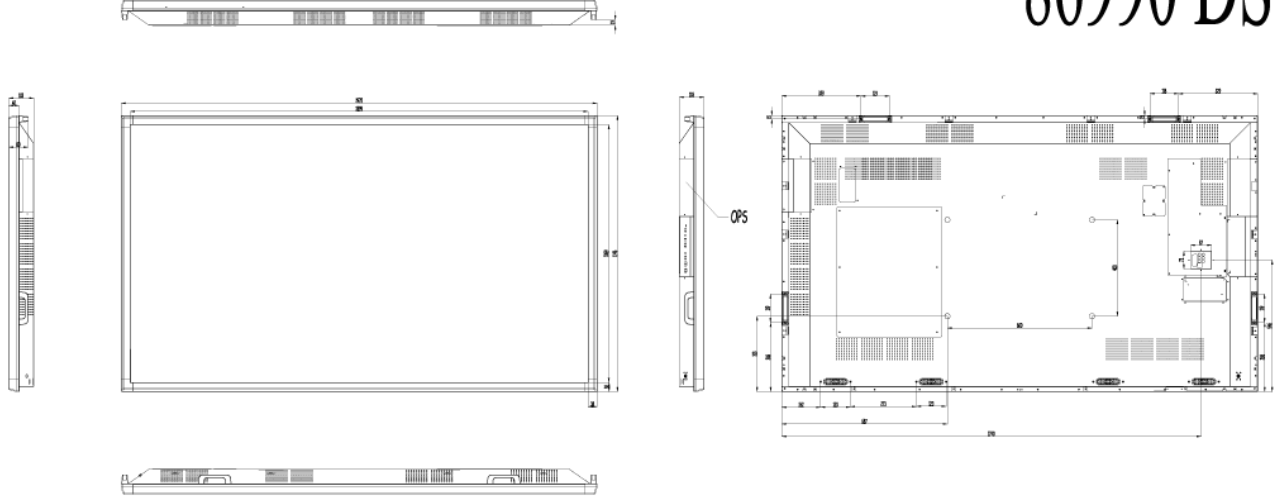|	
Standard	QSG, IB, Power Cord, Remote Control Unit, RC Battery, Mounting Kit, Extension Brackets, IR Extender Cable

CERTIFICATION

Safety	YES
EMC	YES

| CE | YES |
| Reability Approval | YES |

| CE | YES |
| Reability Approval | YES |

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VESTEL

86990 DS

OPS

MODEL 86900 DS	TV DIMENSIONS (mm) TV ÖLÇÜLERİ		
	WIDTH GENİŞLİK mm	DEPTH DERİNLİK mm	HEIGHT YÜKSEKLİK mm
PRODUCT DIMENSIONS ÜRÜN ÖLÇÜLERİ	1975	103	1146
PRODUCT BOX KUTU ÖLÇÜLERİ	2163	318	1405

1907

1076

ACTIVE CELL DIMENSIONS
AKTİF GÖRÜNTÜ ÖLÇÜLERİ

DIMENSIONS TOLERANCE +/-1 mm
GENEL ÖLÇÜ TOLERANS +/-1 mm