Interactive Flat Panel
IFD86TH650B/3

VESTEL

Key Features

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.

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.

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.

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

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

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
Maximum	400 W
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