

## Interactive Classroom Solution

*"One touch solution for interactive and impactful presentations"*



### High end Interactive Classroom Solution

Biometric attendance device, Multimedia controller, Frame, Cabinet with Computer, Interactive display, System audio and Visualizer

OSDB-11

All Encompassing presentation device  
Effortless handling with single button ON/OFF

<b>Frame</b>	1.2 mm CRCA Steel Sheet with wall mounted sliding structure with 65 inches diagonal of writing board
<b>Cabinet</b>	Provision to house Computer, Controller, Visualizer & Biometric attendance device with wall mounted locking facility.
Operating System	Preload Windows 10 Pro Academic
OS Compatibility	Windows / Linux
CPU	8 <sup>th</sup> generation intel core i3 processor, 3.0 GHz processing speed in 2 litre volume body.
RAM	4 GB
Hard Disk	1 TB
Mouse and Keyboard	Wireless
I/O Ports	Display port x 2, USB (2.0,3.1)x 6, LAN x 1, HDMI x 1
Wifi and Wireless Lan	Inbuilt Wifi / Wireless LAN card
Multimedia Controller	Touch pad keys, External PC Input, VGA, Power on/off, PC on/off, Volume control, Mute.
Controller I/O Ports	USB 3.0 x 2, VGA In x 1, Computer Audio In x 1, HDMI In x 1, LAN Port, Power socket
System Audio	100 watts rms amplifier, 50 watts rms x 2 housing array speakers.
Front Panel	Easily accessible ports in front panel
<b>Visualizer</b>	
Technology	Complementary Metal Oxide Semiconductor (CMOS)
Capture Size	A4 Size Sheet (210mm x 297mm)
Scan Object	Objects, Books, Documents, slides, any paper, etc..
Image Rotation Facility	Rotating camera head, -180 Degree H and 180 V
Image Pick Up Device	1/3 CMOS
Digital Magnification	8x
Optical Zoom	12x
Type	Portable
Resolution	1920 x 1080 Full HD
Focus	Auto Focus
Focus Length	3.7mm
Video Frame Rates (fps)	30 Frame Per Second (fps)
Computer Interface	USB
Light Source	White LED
<b>Biometric</b>	
Attendance Device	2.5 Inch colour display
Finger Sensor	Optical Sensor

Capacity	1000 fingerprints
Recognition speed	Less than 1 sec
Failure Rate	Recognition failure better than 0.001% & acceptance failure better than 0.1%
Permissions	5 groups, 10 combination to open doors, 50 open time
Identification modes	Fingerprints, password, EM cards
Communication	TCP/IP,USB
Power	DC 12V/1A

**IFPD**

Technology	Touch LED (Light Emitting Diode) Backlit Display
Display size	65 inches Diagonal
Resolution	1920 X 1080
Contrast Ratio	15000:1
Brightness	500 cd/m <sup>2</sup>
Aspect Ratio	16:9
Duty Cycle	16 x 7
Display colour	8 bit-16 million colours
Dimension	1554 x 924 mm
Weight	58KG
Mounting Arrangement	Wall Mount
Panel Technology	IPS
Audio	20 watts x 2 Front throw inbuilt speakers
Input Ports	VGA IN x 1, VGA Out x 1, HDMI x 3, USB port for android x 2, LAN Port for Android x 1, SDIF, USB B Type for Touch x 1, YPbPr, Video IN x 1, Video Out x 1, RS-232
Ports accessibility	Accessible from front side of panel
Communication port	RS 232C and LAN
Multi Touch	IR Sensor based Touch technology with 6 touch capability.
Orientation	Landscape
Viewing Angle	178 x 178
Response Time	5ms
Power supply	230V AC +/- 10%, 50 Hz
Operating Humidity	95% RH
Operating temperature	5 deg. C - 40deg.C
Power consumption	400 Watts (Min.) Standby Mode 1 Watt.
Power backup	1 KVA UPS with casing and batteries with 20 minutes backup time.
Software Features	Annotation software with features erase, shapes, sizes, Edit, fonts, stamp, choose, move, capture, colour, pens, picture, video, annotate, save, Rotate, undo, image gallery, print, text, background and floating keyboard.

Network classroom feature to conduct remote teaching by having interaction through all the three types of media Video, Audio and Text.

### Special Features

USB Plug & Play in android supported files like document, audio, video, pdf, ppt, smart eye protection (brightness control as per light ambient), writing mode, android background change option, usb port lock for android, screen shot in single click, scheduled power on/off, energy saving ideal to standby time, support wireless and wired printer, child lock setup

### Accessories

Wall mount bracket, cables and connectors, AC Power cord, Remote control, User Manual