

# Digital Teaching Device

*"Revolutionising your classroom into a funfilled interactive learning center"*



Model - OSDTD 01

- **ONE BUTTON SOLUTION**
- **SINGLE COMPREHENSIVE UNIT PACKED WITH COMPLETE DIGITAL TEACHING COMPONENTS**

Digital Teaching Device	Model - OSDTD 01
Operating System	Windows 10 Professional
OS Compatibility	Windows / Linux
CPU	6th Generation Intel Core i7 Processors
RAM	4 GB (scalable up to 8 / 16 GB)
Hard Disk	500 GB (upgradable upto 1 TB)
Keyboard	Wireless keyboard
Mouse /Track Pad	Wireless Mouse
No. of USB Ports	USB 2.0 Ports (3), USB 3.0 Ports (1)
VGA and LAN Ports	Available
UPS	1 KVA Online UPS with inbuilt batteries with 60Minutes backup time with casing
Cabinet	Made of CRCA steel sheet, wall mounted with lock facility.
Central Controller	Touch Pad Keys, External Pc input, Computer Audio IN, USB 3.0 x 2, VGA IN, HDMI and LAN Port available on front panel, Power ON/OFF, PC ON/OFF, Projector ON/OFF, Volume Control, Mute.

### Portable Visualizer

Technology	Complementary Metal Oxide Semiconductor (CMOS)
Capture Size	A4 Size Sheet (210mm x 297mm)
Scan Object	Objects, Books, Document
Image Rotation Facility	Rotating camera head, 90degree horizontal, 135degree vertical
Image Pick Up Device	1/3 CMOS
Digital Magnification	10x
Optical Zoom	12x
Type	Portable
Image Memory	20 Images
Resolution	1920 x 1080 Full HD
Focussing Arrangement	Auto Focus
Lens Focal Length	F1.6-3.7, f 3.9-46.8 mm
Video Frame Rates (fps)	30 Frame Per Second (fps)
Computer Interface	USB
Light Source	White LED with 25000 hrs life
Life of Lamp used	2 Years
Video Format	AVI / MPEG4

### Interactive Board

Touch Interface	Touch based also supports pen touch
Touch System	Infrared Technology Recognition
Touch Points	10
Response Period	Rapid response time (1 MS)
Width of the active area of the Board	1625 mm
Height of the active area of the Board	1145 mm
Board Diagonal Size	2000 mm
Display Resolution	32767 x 32767
Board Aspect Ratio	4:3
USB 2.0 Ports	1
OS Compatibility	Linux and Windows

Short Cut Keys	Present on each side
In Built Speakers	Speakers housed in array, 2 x 50W rms and 100W rms Amplifier
Electronic Pen or Stylus	2
Power feed	Through USB
Mains Power	0.5 Watt
Standard Accessories	USB Cable and Cordless Pen/ Stylus
Operating Temperature / Humidity (RH)	5-45 degree C / 0.8 Humidity
Network classroom features	Remote Teaching through all three types of Media Audio, Video and Text.
Annotation features	Enable to draw, choose, pnes, erase, shape, color, annotate,edit and write with floating keyboard

**Projector With Arm (Viewsonic PJD6552 LWST)**

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Type	Short Throw Projector
Technology	Digital Light Processing (DLP)
Inbuilt Speaker	Available with 10 watt output
Contrast Ratio (Minimum)	High Contrast Ratio of 22000:1
Throw Ratio	0.49
Aspect Ratio	16:10
Keystone Correction	+/- 30 Degree Horizontal and Vertical Keystone with corner correction
Projection Lamp	UHP
Life Duration	10000(ECO Mode) 6000(Normal Mode).
Lamp Hour Counter	Yes (Inbuilt)
Video Compatibility	NTSC, PAL, HDTV, DTV
Native Resolution	1280 x 800
Brightness	4000 Lumens
I/O Ports	Audio In, Audio Out, Video IN, HDMI, Analog RGB IN LAN (RJ45), Analog RGB OUT
Power Consumption	270 Watt in Normal Mode and 1 Watt in Sleep Mode
Power Supply	100-240V AC

**Green Board**

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Dimensions	1625 mm (W) x 1145 mm (H)
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**Air Mouse**

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Air mouse with laser pointer	Available
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