

# Digital Teaching Device

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



DTS

Green Board

White Board, Projector  
& Speakers

Model : OSDTD-13 with ELL and Furniture

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

### Digital Teaching Device

**Model : OSDTD-I3**

Operating System	Windows 10 Professional (Preloaded)
OS Compatibility	Windows / Linux
CPU	7th Generation Intel Core i3 Processors
RAM	4 GB (scalable up to 32 GB)
Hard Disk	1 TB
Keyboard	Wireless keyboard
Mouse /Track Pad	Wireless Mouse
I/O Ports	HDMI, 6 USB Ports, VGA and LAN Ports, 2 DP(Display Port)
Wifi/ LAN card	Inbuilt
UPS with casing	1 KVA Online UPS having inbuilt batteries for 15-20 Minutes backup time
Cabinet	Made up of 1.2mm thick CRCA steel sheet, 2 Litre volume and wall mounted with availability of lock facility,
Central Controller	LAN Port available on front panel, Power ON/OFF, PC ON/OFF, Projector ON/OFF, Volume Control, Mute, Touch Pad Keys, External PC input, Computer Audio IN, USB 3.0 x 2, VGA IN, HDMI and

### Portable Visualizer

Technology	Complementary Metal Oxide Semiconductor (CMOS)
Capture Size	A4 Size Sheet (210mm x 297mm)
Scan Object	Objects, Books, Document
Image Rotation Facility	180 degree horizontal and vertical rotating camera head
Image Pick Up Device	1/3 CMOS
Digital Magnification	8x
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 20W
Life of Lamp used	2 Years
Video Format	AVI / MPEG4

### Interactive Board

Touch Interface	Touch based also supports pen touch
Board Surface	Fully erasable on ceramic coated scratch resistant surface. Completely erase Whiteboard marker pen marking using ethanol. 100 percent wipe clean when any specified writing medium is used.
Touch System	Infrared Technology Recognition
Touch Points	10
Accuracy	1 mm
Board Diagonal Size	78 inch diagonal
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
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)	0-45 degree C / 0.8 Humidity
Network classroom features	Use Audio, Video and Text for Remote teaching..
Annotation features	Enable to draw, choose, pnes, erase, shape, color, annotate,edit, write with floating keyboard and many other features

### Projector With Arm

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	HDMI -1 ,VGA – 2, Audio IN, VGA, Audio Out, RCA x 1, S-Video x 1, USB, RS 232, LAN(RJ 45)
Power Consumption	270 Watt in Normal Mode and 1 Watt in Sleep Mode
Power Supply	100-240V AC
Accessories	Wall mount kit, HDMI and Power cables (5 meter each)

### Digital English Language Lab

#### Software Features

- Software purely based on neutral accent
- Interactive multimedia based content with video, audio and graphics
- Blended learning with substantial content based on Basic, Intermediate and Advanced level to improve the learner skills
- Content as per Common European Frame Work of Reference
- Speech spectrograph for visualization
- Computer Based Training (CBT/Lab practice) content
- Recording , Listening, and Comparing of Speech patterns both via audio and visual
- Consist of a glossary of words with correct pronunciation in the Indian context
- Detailed reports on the activities performed by Students and Teachers
- Unlimited number of student logins
- Automatic updates through Patch Servers
- Web based ticketing system for technical support
- Work on Desktop PCs and Thin Client/Zero Client

- Works on Windows as well as the Linux operating systems

### For Students

- Student work books / courseware included
- Mother Tongue Influence (MTI) removal tool
- Animated mouth movements for proper articulation for all 44 sounds

### For Teachers

- Pre define lesson plans
- Detailed trainer Manuals as per session plan for each level
- Instructor Lead Teaching (ILT/ Classroom teaching) content
- Create and assign tasks to students
- Create own exercises and assessments
- Training videos for teachers in the software as well as their mobile phones (Android/ IOS)
- support app to raise the support queries in the software and mobile phones (Android / IOS)

### Green Board

Dimensions 78 inch diagonal size (9mm thick)

### Furniture

Trainer Chair (1 pc.)	Synch Tilt Push Back, Nylon Base, Gas Lift, Net Back, High Back Chair with Head rest, PP Arms, Seat Fabric Tapestry.
Trainer Table (1 pc.)	Made up of 25 mm thick block board Size - 1500 mm (L) x900mm (W) x 750mm (H), Single drawer with 6 inches duly chrome polished handles with smooth channels covered with sun mica and edges duly covered with margins with melamine polish. Provision for wire management
Trainee Chair (20 pc.)	Medium Back Chair, Without Arms made up of blue color Fabric Nylon Base, Gas Lift, PU Molded Seat & Back Cushion, PP Back Cover, sprint back
Trainee Table (20 pc.)	Made up of wooden/ ply partition with glass, size 2.5' x 2' with all necessary wire arrangement. 3 or 2 Students desk layout available.
Air Conditioner	1.5 Ton Copper Split 3 Star BEE Rating AC with 1 Indoor Unit,1 Outdoor Unit and Remote Control, Digital Stabilizer.
Electrical Connections	LED Ceiling Lights (20 Watts), Electrical points, Networking cables and points for each work station

### Server PC

Display	21.5 inch
Processor	Intel Xeon processor 3.3 GHz
OS Support	Windows and Linux
Memory	8 GB RAM (expandable to 64 GB)
Storage	1 TB HDD (4 SATA HDD expandable to 6 SATA HDD)
I/O Ports	6 x USB, 1 microphone, 1 headphone, PS2, Display port, HDMI, RJ45, serial, audio in, audio out, Gigabit Ethernet LAN 10/100/1000
Keyboard	Available
Mouse	Available
Headphone with Mic	Available

**Client PC**

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Display	18.5 inch
Mouse	Available
Keyboard	Available
Processor	Intel Atom processor, 1.8 GHz
OS Support	Windows and Linux
Memory	2 GB RAM
Storage	32 GB
I/O Ports	HDMI, VGA, USB 2.0 / 3.0, SD Card reader, LAN port, Audio & Microphone ports
Wifi	Available
Headphone with Mic	Available

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