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Enterprise Series
Integrated Teaching Solution - LED

MODELS: ITS 65G, ITS 65G-4K, ITS 75G-4K, ITS 80G, ITS 86 4K

Integrated Teaching Solution

Application Areas

Educational Institutes

Board Rooms - Meeting Rooms - Training Rooms

Conference Rooms - Ops Rooms etc.

Integrated Teaching Solution - LED

Key Features

- Integrated solution including frame, Display Device System, Cabinet with Computer and Preloaded School Content, Multimedia Controller, Visual Presenter, Biometric access device for attendance, Audio & Power Backup
- Duo System: Built-in Android system, supports Mini-PC for Windows
- Plug & Play: Compatible with Microsoft Human Interface Device Protocol. User can experience the touch function without driver installation
- Eco-Friendly: LED backlight in our interactive touch screen offers a thinner panel, lower power consumption, better heat dissipation, brighter display and better contrast level and produce less pollution on disposal
- Multi-Touch: based on advanced infrared sensor technology 10 point touch to enhance the productivity
- Easy Maintenance: Sophisticated mechanical design for easy maintenance
- Smart Eye Protection – Eye Protection Writing Mode, Eye protection Brightness control mode as per light ambient
- Easily accessible ports on front panel
- Energy Saving – Ideal to Standby Time
- Scheduled Power On / Off
- Screen Shot in Single Click
- Wireless / Wired Printer Support
- USB port Lock for Android
- USB Plug & Play in Android – Document, PDF, PPT, Video, Audio
- Child Lock Setup
- Background Change for Android

Technical Specifications

Integrated Teaching Solution - LED

Integrated solution including frame, Display Device System, Cabinet with Computer and Preloaded School Content, Multimedia Controller, Visual Presenter, Biometric access device for attendance, Audio & Power Backup

Construction

Frame	Wall mounted structure with locking facility and sliding arrangement with Writing board (Minimum 60 Inches diagonal) in front
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Touch LED Display

Model	ITS 65G	ITS 80G	ITS 65G 4K	ITS 75G 4K	ITS 86 4K
Backlight	LED (Backlit)				
Color	8 bit-16 million colours				
Panel Technology	IPS				
Active Screen Size (Diagonal)	165.1 cm (65 inches)	203 cm (80 inches)	165.1 cm (65 inches)	190.5 cm (75 inches)	218.44 cm (86 inches)
Bezel Width	60 mm				
Aspect Ratio	16:9				
Resolution	1920 x 1080 (Full HD)	1920 x 1080 (Full HD)	3840 x 2160 Pixel (4K)	3840 x 2160 Pixel (4K)	3840 x 2160 Pixel (4K)
Orientation	Landscape				
Brightness	500 cd/m ²				
Contrast	15000:1				
Response Time	8 ms				
Video / Audio System	PAL / NTSC / SECAM				
AV Inputs / Outputs	Inputs: USB port for Android x 2, VGA IN x 1, HDMI x 3, USB for Touch (Type B) x 1, LAN Port for Android x 1, Earphone Jack, SDIF, RS-232, YPbPr, Video IN, USB 3.0 x 2, USB 2.0 x 4, VGA x 1, MIC IN x 1, Built In MIC Outputs: Video Out, VGA Out x 1, Audio Out x 1		Inputs: HDMI 2.0 x 1, HDMI 1.4 x 2, VGA x 1, USB 2.0 x 4 (including 2 USB ports in Front), USB 3.0 x 2 (including 1 USB port in front), DP x 1, Audio x 1, AV x 1 Outputs: HDMI x 1, Touch x 2, Audio x 1, Coax x 1		
Communication Ports	RS 232C, LAN				
Speaker Output Power	20W x 2				
Media File Format Support	Video: MPEG1, MPEG2, MPEG4, H264, RM, RMVB, MOV, MPEG, VC1, Divx, FLV(Support 1080P HD Decoding) Audio: WMA, Mp3, M4A, (AAC)				
Power Consumption	Maximum < 220W; Standby Mode ≤ 0.5W	Maximum < 280W; Standby Mode ≤ 0.5W	Maximum < 220W; Standby Mode ≤ 0.5W	Maximum < 400W; Standby Mode ≤ 0.5W	Maximum < 500W; Standby Mode ≤ 0.5W
Working Voltage	AC 100-240V, 50/60 Hz	AC 100-240V, 50/60 Hz	AC 100-240V, 50/60 Hz	AC 100-240V, 50/60 Hz	AC 100-240V, 50/60 Hz
Duty Cycle	16 x 7	24 x 7	16 x 7	16 x 7	16 x 7
Viewing Angle	178:178 (Horizontal / Vertical)				
Presentation Solution (Optional)	Can connect to external gadgets (Microsoft / Android / iOS) wirelessly (draws power internally, without any external power source)				
Annotation / Signage Software	Annotation Features like draw, choose, pens, annotate, erase, color, shapes, sizes, text, edit, fonts, stamp, move, capture picture, video, save, rotate, undo, image gallery, print, floating keyboard, background etc. network classroom feature to conduct remote teaching by having interaction through all the three types of media Audio, Video and Text.				

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Touch	
Touch Surface	Anti Glare Toughened Glass
Touch Sensor	IR
HID Support	Available
Touch Points	Multitouch 5 Points writing, 10 points touch
Writing Tools	Pen or Finger
Touch Resolution	32767 x 32767
Scan Speed	<12 ms
Cursor Speed	125 points /sec
Positioning Accuracy	1 mm
Communication Interface	USB

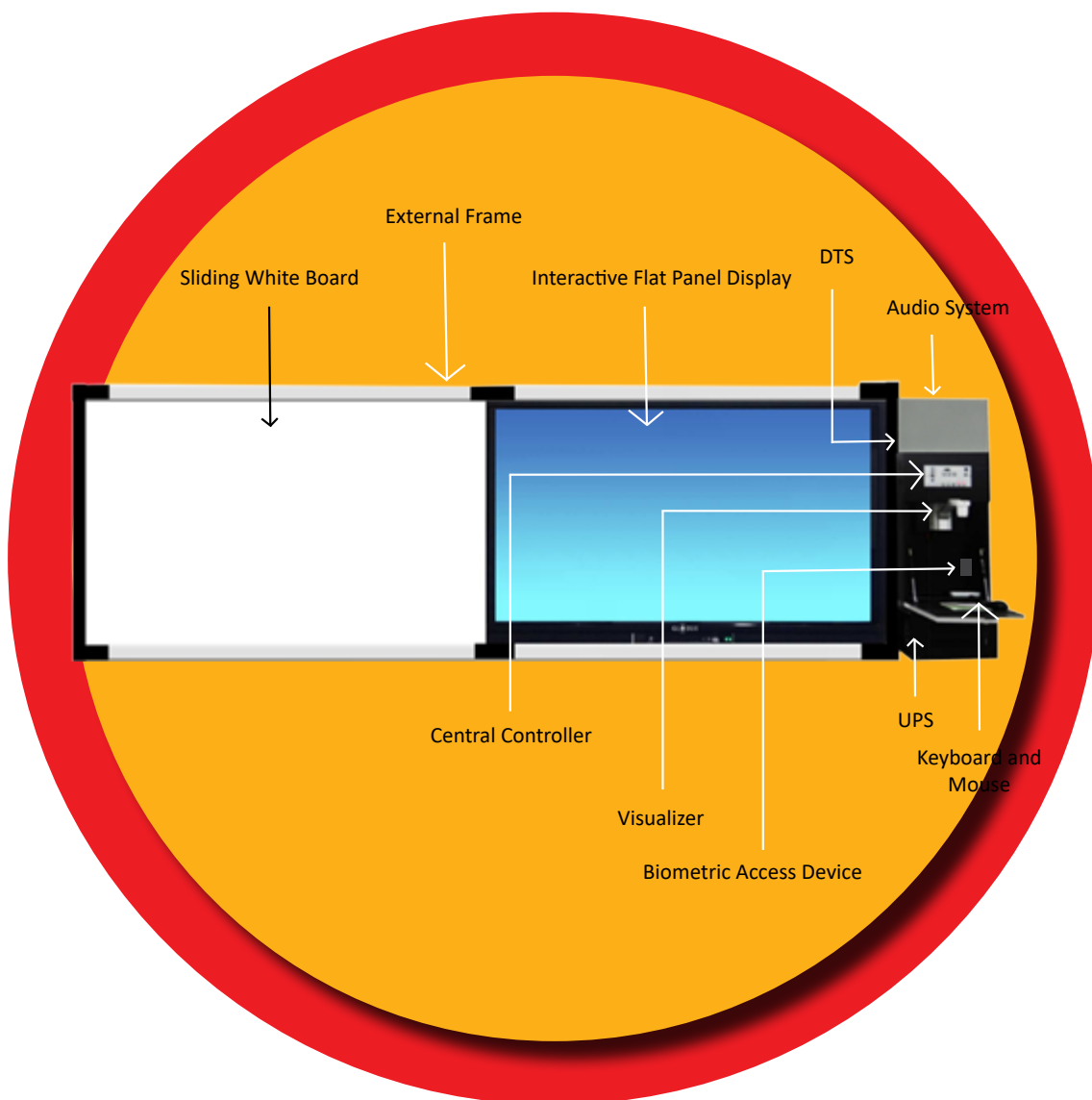
DTS	
Cabinet	Wall mounted lockable enclosure to keep PC, Biometric Access Device, Visualizer and Controller
Material of the Cabinet	Powder coated CRCA Steel Sheet (1.2mm thickness)
CPU cabinet / processor	2 ltr. volume / Intel Core i3, 3.2 GHz (7 th / 8 th generation)
RAM	4 GB (upgradable upto 32GB)
Hard Disk	1 TB
Ports	HDMI x 1, USB x 6, Display Port x 2, LAN Port x 1
Inbuilt Wifi	Inbuilt Wifi / Wireless LAN Card
Keyboard	Wireless Keyboard
Mouse /Track Pad	Wireless Mouse
I/O ports on front panel	HDMI IN, VGA IN, USB 3.0 x 2, Computer Audio IN, LAN Port, Power socket (to give power to any external device being connected)
Operating System	Windows 10 SL (Preloaded)
Central Controller	Available with System Power On/off, PC on/off, Projector/ display on/off, volume control keys, mute, touch pad keys, external PC input ,VGA input etc.
UPS	1 KVA UPS for approximately 15-20 Minutes backup time (with casing and inbuilt batteries)
Educational Content (Preloaded)	2D and 3D based high quality educational content for all Classes with audio in both English and Hindi language. Includes Animations, Live Videos, Interactive Simulations, Work Sheets, Experiments and Key Points

Audio System	
Two speakers 50 W RMS each and 100 watts RMS amplifier housed in array	

Biometric Attendance Device	
Display	2.5" Color Display
Fingerprint Sensor	Optical sensor for capturing fingerprints
Communication	USB, TCP/IP
Identification modes	EM Card, password & Fingerprint
Failure Rate	Recognition failure better than 0.001% & Acceptance failure better than 0.1%
Recognition Speed	< 1 second
Capacity	1000 fingerprints (minimum)
Permissions	50 open time, 5 groups & 10 kind of combinations to open door
Power	DC 12V/1A

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Inbuilt Visualizer	
Type	Portable
Light Source	White LED
Technology	CMOS
Capture Size / Image Size	Minimum A4 Size (210 x 297mm)
Native Resolution	Full HD (1920 x 1080)
Video Frame Rates	30 FPS
Optical Zoom	12x
Digital Magnification	8x
Focus Arrangement	Automatic
Camera Head Rotation Angle	180° in horizontal and 180° in vertical
Image Freeze	Available
Computer Interface	Through USB
Gain Adjustment	Available
Scan Object	Book, Slide, Document, Image Array, MRI Plates, CT Scans etc.
Picture Format	PNG, JPG, BMP and others



*Due to continuous product development, the specifications may change without prior notice.

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