

DIGITAL BOARD WITH LED Backlit 65 Inch Touch AND SLIDING BOARD

Hugo Techno presents DIGITAL BOARD with Integrated solution including frame, Display Device System, Cabinet with Computer, Visualizer /Document Camera, Power Backup, Digital Writing Pad, Multimedia Controller. User- friendly and interactivity tools, Free Wi-Fi Hotspot Functionality and Integrated PC Module gives you all plausible reasons to deploy it in your classrooms.



Hugo Techno LED touch screens have multiple applications that will take your presentation & teaching to the next level.

The VDU 65HTH, an impressive interactive display that also offers you additional features.

hugo
TECHNO

Model: VDU 65 HTH

ANNOTATION FEATURE Annotate, edit, print, email, save, delete, copy, paste, color, choose pen, floating keyboard etc.

NETWORK CLASSROOM FEATURE Conduct sessions without any demographic limitations, through all types of media files.

EDUCATIONAL CONTENT high quality 3D and 2D based educational content for all Classes. The digital content contains Animations, Experiments, Key Points, Live Videos, Interactive Simulations & Work Sheets with Voice Over in both English and Hindi Language.

ADDITIONAL FEATURE Smart Eye Protection – Eye Protection Writing Mode, Eye protection Brightness control mode as per light ambient, Scheduled Power On / Off, Screen Shot in Single Click, Energy Saving – Ideal to Standby Time, Wireless / Wired Printer Support, Child Lock Setup, USB port Lock and USB Plug & Play in Android – Document, PDF, PPT, Video, Audio, Background Change for Android

Product Specifications:

Model	VDU 65HTH
Structure	Wall mounted frame structure with locking facility and sliding arrangement with white board in front of Interactive Flat Panel.
Technology	Backlight LED (Backlit)
Active Screen	165.1 cm (65 inches)(Diagonal)
Aspect Ratio	16:9
Orientation	Landscape
Contrast ratio	10000:1
Resolution	3840 X 2160 (4 K)
Response Time	15 ms or Better
Bezel	30 mm
Brightness	500 cd/m2
Ports	RS 232C, LAN
Speaker Output Power	20W x 2 Speaker
Viewing Angle	178:178 (Horizontal / Vertical)
Media File Format Support Video	MPEG1, MPEG2, H264, MPEG4, RM, RMVB, MPEG, VC1, MOV ,Divx, FLV (Support 1080P HD Decoding) Audio:, Mp3, WMA ,M4A, (AAC)
Annotation / Signage Software	Annotation Features like, annotate, erase, color, shapes, sizes, text, print, floating keyboard, edit, fonts, draw, choose, pens, video, save, rotate, undo, image gallery, , , stamp, move, capture picture ,background etc. network classroom feature to conduct remote teaching by having interaction through all the three types of media Audio, Video and Text.
AV Inputs / Outputs Inputs	VGA IN, Multiple HDMI Ports, USB for Touch (Type B), LAN Port for Android, Earphone Jack, , RS-232, YPbPr, Video IN, Multiple USB 3.0, Multiple USB 2.0, MIC IN, Built In MIC, Audio Out ,Multiple USB port for Android ,SDIF. Video Out, VGA Out.
Video / Audio System	PAL / NTSC / SECAM

TOUCH	
Touch Sensor	IR
Touch Points	10 touch Points writing
Writing Tools	Pen or Finger
HID Support	Available
Touch Surface	Anti-Glare Toughened Glass
Touch Response time	12 ms
Touch Resolution	32767 x 32767

DIGITAL TEACHING SYSTEM	
Cabinet	Wall mountable & lockable capable to keep PC, Biometric Access Device, Visualizer and Controller
Material	CRCA Steel Sheet Powder coated with appropriate thickness
CPU cabinet	processor Intel Core i3, 3.2 GHz (7 th Generation) 64 Bit
Ports	HDMI x 2, USB x 6, Display Port x 2, LAN Port x 1
Internet facility	Wifi / Wireless LAN Card
Power socket	Available
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.
OS	Windows 10 SL (Preloaded)
Front panel Ports	I/O ports on front panel HDMI IN, VGA IN & OUT, USB 3.0, Computer Audio IN, LAN Port
Accessories	Mouse Wireless Keyboard Wireless
HDD	1 TB
RAM	4 GB (up to 32GB upgradable)

VISUALIZER / DOCUMENT CAMERA	
Technology	CMOS
Picture capture Size	(210 x 297mm) Minimum A4 Size
Light Source	White LED
Type	Portable
Resolution (Full HD)	(1920 x 1080)
Frame Rates(Video)	25 FPS
Focus Arrangement	Automatic/manual

PC interface	USB
Scan Availability	Object Book, Slide, Document, Image Array, MRI Plates, CT Scans etc.
Digital Magnification	8x
Optical Zoom	12x
Image Freeze function	Available
Gain Adjustment	Available
Camera Head Rotation	(180° in horizontal) and (180° vertical)
Picture Format	PNG, JPG, BMP and others

INTERACTIVE WRITING PAD	
Active Range	20 mtr.
Technology	Electromagnetic digitizing technology
Active Area	8" x 5"
Accuracy	± 0.01 Inch
Pressure Sensitivity	2048 pressure levels
Interface	USB
Resolution	5080 lines per inch
Report Rate	USB Cable mode-250RPS Wireless Mode- 150 PPS
OS Compatibility	Windows 10 SL
Battery	700 mAh USB rechargeable Lithium-Ion Battery (Built in)
Reading Height	10 mm
Power Wattage Voltage	USB cable mode DC 5V;Wireless Mode 3.7 V

speakers	50 W RMS speakers each & 100 watts RMS amplifier
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UPS	1 KVA UPS for approximately 20-30 Minutes backup time (with casing and inbuilt batteries)
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