

DIGITAL BOARD

86 Inch Touch DISPLAY

Hugo Techno presents DIGITAL BOARD with components like 86" 4K (3840 x 2160 pixels) DLED touch screen with android Platform. Hugo Techno Digital Board is integrated solution including, Document Camera, wireless Keyboard and Mouse & Digital Clock, USB Camera with built in Mini PC



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Model: HT-VDU-86H

Product Specifications

Touch Display Model	HT-VDU-Z8-IRN
Brightness	600 cd/m2
Contrast Ratio	5000:1
Display size (Diagonal)	86inches
Display Color	8 bit-16 million colours
Resolution	4K(3840 x 2160)
Input Ports	HDMI x 3, RGB/VGA x 1, Audio x 1, PC slot x 1, RS232 x 1
Smart USB Port	All USB port supports sharing mode with Android, Internal PC or Other External PC / Device
Communication Port	RJ45 x 1 Giga LAN Port
Aspect Ratio	16:9
Viewing Angle H/V	178°
Technology	DLED Backlight IPS Panel
Output Ports	Audio x 1, SPDIF x1; USB Ports: USB 2.0 Type A x 3, USB 3.0 Type A x 4, USB 2.0 Type B for Touch x 2
Split Screen	4 Way Split Screen content sharing software
Power Supply	230V AC +/- 10%, 50 Hz
Power Consumption	155 Watts
Pen Holder	Frame/Structure with inbuilt magnetic mechanism to hold upto two numbers of Pen
Certifications	BIS, CE, FCC & RoHS
Accessories	AC Power cord, User Manual, Remote control, USB interface cable, Two Stylus, Wall mount bracket
Built-In Speakers	2.1 Stereo Sound with in-built 20-Watt x 2 speakers and 15-Watt x 1 Sub-Woofer
OS Support / Embedded Player	Windows 7/ Windows 8/ Windows 10/Linux/Mac/Android Embedded Player CPU Inbuilt
Camera Plate	Camera Plate on top for screw-in web cam installation
Touch	
Touch Sensor	Infrared radiation (IR)
Pen Recognition	Dual Pen recognition with 2mm tipped pens at real-time lag free response rate
Touch Type	7 H hardness, anti-crack resistant scratch, resistant, anti-glare
Touch and Writing Points	10 points Touch and 10 Points writing with automatically detect pen diameter 8mm & 2mm and write simultaneously with different colours and thicknesses
Communication Interface	USB
Touch On/Off	Available
Touch Resolution	32767 x 32767
Touch Response Time	15 ms
Inbuilt Android Hardware	
Memory	3 GB
Storage	32 GB eMMC
Android Version	8



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CPU	Dual Core 1.2 Ghz
Networking	DHCP Auto identification and Static IP supported
Interactive Classroom Suite	
<p>magnifier, calculator, soft keyboard, Clock, Stop Watch, Geometry Tools, Screen recording, integrated webcam, Desktop Annotation, White board with different, Marker, Paint Brush, Highlighter, Laser Pen, Artificial intelligent Pen, Shape Pen, Magic Line Pen, Different sizes available with region eraser, Shaped, Text, Generic consist of (shapes,3DShapes, Arrows & Tables), Integrated image search from internet, Search Light, Screen Curtain, inbuilt browser, screenshot, backgrounds and colors, Cloud storage, Cloud Download, Page management system. Multiple numbers of images available with internet like nature, sport, Daily, necessity, animals. ort documents/contents. Annotation of on video, PPT, PDF. Annotate on PC/ Laptop with the help of smart phone, New, Open, Save, Save as, Import & Export (PNG, JPG,PDF,PPTX,IWB), Print, YouTube Drag & Drop, Magnifier, YouTube integration, Canvas moving, Inbuilt Animation libraries, Follow me AI, Complete Ecosystem om mobile, web & PC, Google for Education partner, casting in & casting out from Remote locations via browser, Android & iOS, Apps, Multitouch enable or Disable, Switching between presentation & Preparation modes</p>	
Special Features	Save directly to Google drive and One Drive, In-built Quiz tool to allow participants to submit answers from their Smart Phones (Answering/Voting/Messaging), Supports USB based PTZ cameras allowing Software based Video Conferencing, File download feature in smart phone just by scanning the QR code
Screen Mirroring*	Data from Mini PC can be shared wirelessly on multiple Phones/Tablets without any other hardware requirement. Share/mirror the content of Laptop/Desktop ,Mac, Windows and mobile device ,iOS, Android, wirelessly, Wireless presentation allow user to access their Laptop/Desktop through Interactive Display.
Integrated Wireless and Bluetooth Module	Dual band 2.4 Ghz and 5Ghz to deliver fast wireless internet connection for Along with the newest 802.11AC standard to provide up to 433Mbps transmission also fast Bluetooth 4.0 connection with BLE (Bluetooth Low Energy) which saves power for one-to-one file and data transferring, interactive displays, supports dual frequency of 2.4GHz and 5.0GHz bandwidth

Mini PC - HTR5M	
Form Factor	2 litres volume
CPU	Intel Core i5,10th Gen
RAM	8 GB RAM
In-Built Wi-Fi / Wireless LAN Card	Available
Operating System	Windows 10
Hard Disk	128 GB SSD & 1 TB HDD
Wireless Keyboard and Mouse	Available
Ports	HDMI x 1, USB ports x 5, Display Portx 2, LAN Port x 1
Cabinet	
Material of Cabinet	Powder coated CRCA Steel Sheet of minimum 1.2mm thickness
Cabinet	Wall Mounted Lockable Enclosure to house, Multimedia Controller, Visual Presenter, Mini PC, Digital Clock & Wireless Keyboard & Mouse
Visual Presenter - HT-DCS-60FH	
Technology	CMOS
Image Capture Size	A4 Size (210x297 mm)
Type	Portable
Video Frame Rates	30 FPS
Focus Arrangement	Auto Focus
Native Resolution	Full HD 1920 x 1080
Optical Zoom	12x
System Audio (Soundbar	Inbuilt amplifier of 120W and Four Speakers of 20 W each and 20W of tweeter speaker housed in a single unit, 1 External Subwoofer of 20 watt,inbuilt Microphone Receiver with one number of wireless Hand-Held mic and One number of Headband mic
Light Source	White LED
Camera Head Rotation Angle	Camera head rotation angle-180°in horizontal and 180°in vertical
Digital Zoom	8x
Certifications	BIS, CE, FCC & RoHS
In -Built Digital Clock	Day and Current Temperature ,Time, Date
Multimedia Controller	
Ports on front Panel of Controller	HDMI, VGA, USB3.0 x 2, Audio IN
Controller Resolution Output	4K (3840 x 2160)
Power	5 V DC Suitable Adaptor with controller
Ports on Rear Panel of Controller	USB 3.0 x 2, VGA Input x 2, VGA Output x 2, RCA Audio IN x 1, RCA Audio Output x 2, HDMI Input x 2, HDMI Output x 2 , Programming Port (Phoenix connector)
Buttons on front Panel of Controller	Push buttons to control volume up & down, volume mute to switch sources of HDMI visual presenter, VGA visual presenter, HDMI laptop, PC HDMI, VGA laptop, VGA PC & Controller Power On/Off, Display Power On and Power Off
Built in HDMI Repeater	HDMI Output port support 15mtr HDMI cable
4K UHD USB Video Conferencing Camera - HT-DCFHD4	
Zoom	8x
Field of View	112°

Camera Resolution	4k@30fps
Minimal Illumination	0.5 Lux @ (F1.8, AGC ON)
Shutter	1/30s ~ 1/10000s
Camera Sensor	8 Mega Pixel CMOS Sensor
Digital Noise Reduction	2D & 3D Digital Noise Reduction
Video resolution	4K@30fps/25fps, 1080P@30/25fps, 720P@60/50fps
Resolution	Support 4K Ultra HD with super resolution up to 4K@30fps/25fps encoding output, and down compatible with 1080p,720p
White Balance	Outdoor, Auto, Indoor, One Push, Manual
Camera bracket	Bracket with damper
Backlight Compensation	Backlight Compensation
Low Light conditions	Image sensor effectively reduce the image noise using 2D, 3D noise algorithm, even under low light conditions to keep the picture Clean and clear
Video Output	Support USB 3.0 Video output suitable for software-based video conference
Auto Focus Lens	Complete customizable auto focus non-distortion lens, view angle up to 112°, support EPTZ
Built in Microphone	Built in beamforming microphone array with noise suspension and automatic gain algorithm with audio pickup distance up to 6 meters
Storage Temperature	-40°C ~ 60°C (-40°F ~ 140°F)
Power Consumption	Maximum upto 3.0W
Certifications	BIS,CE, FCC & RoHS
AI Powered Tracking	Support Person Tracking, Auto framing with advance AI tracking Method
Remote control	Remote controlled using IR remote control
Interface	1x USB 3.0 Type C
Input Voltage	5V (USB power supply)
Current Consumption	600mA
Operating Temperature	-10°C ~ 40°C (14°F ~ 104°F)