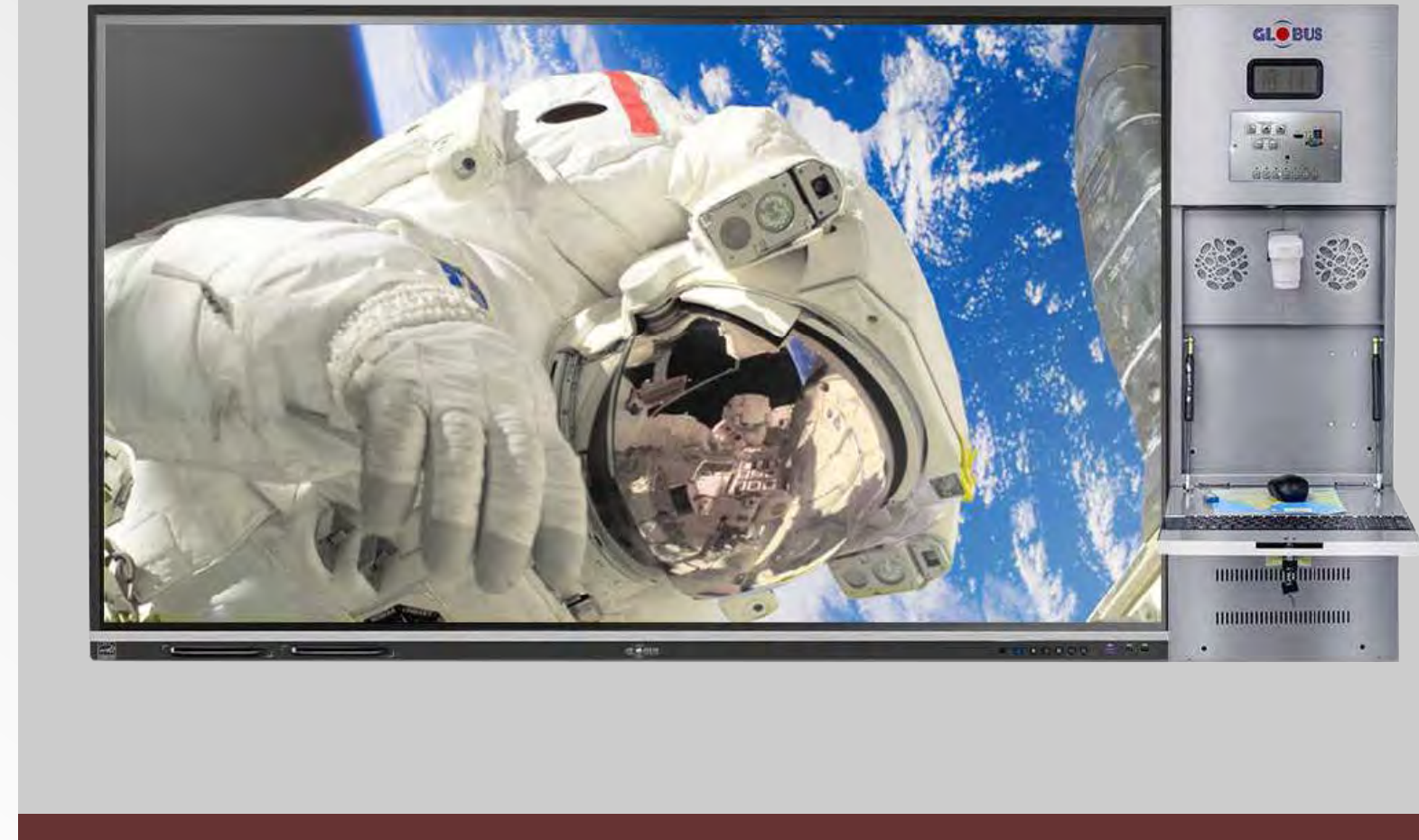
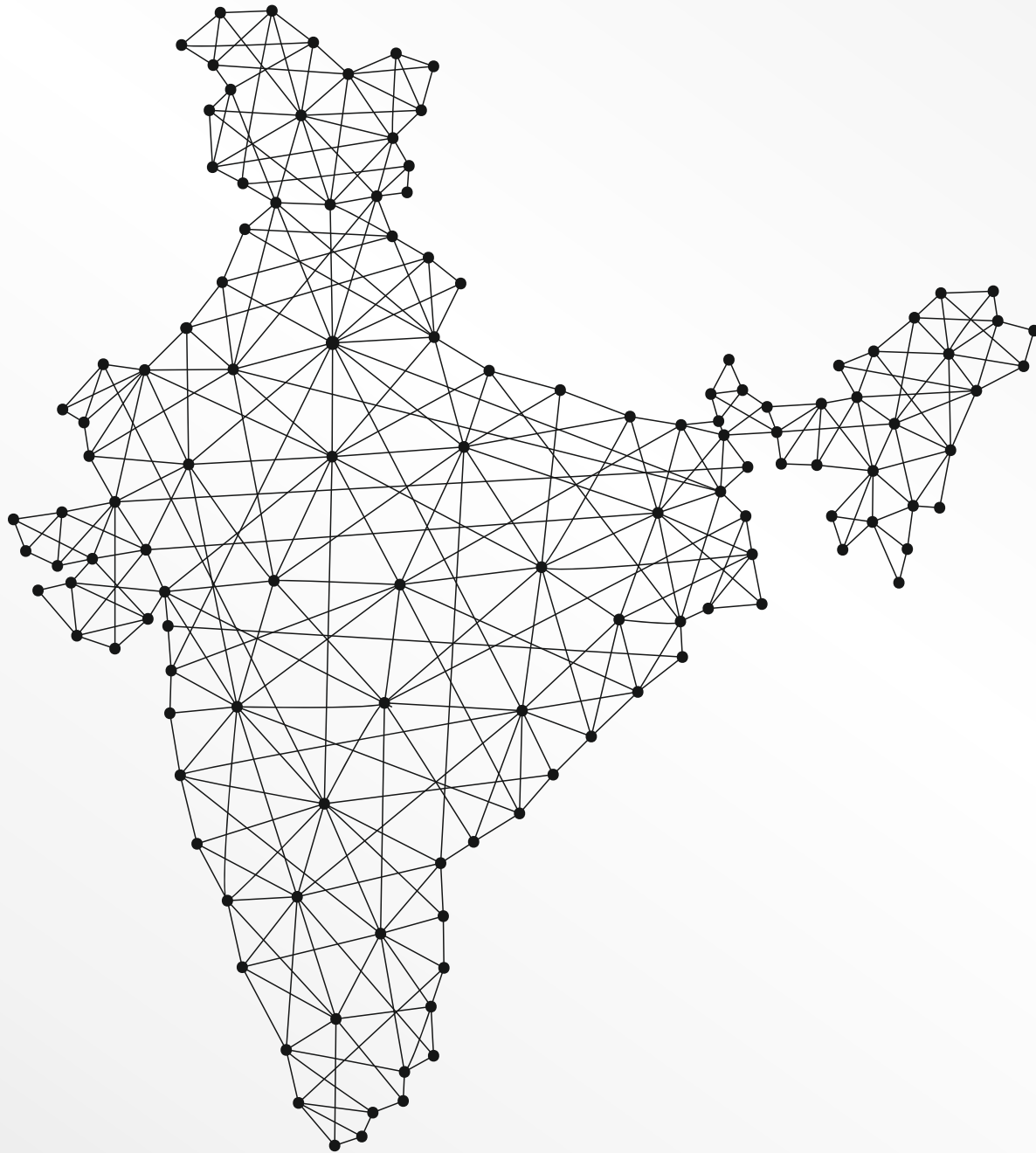


Nationwide Sales & Service Presence



## Digital Board

Impact Series

Just one slide from traditional learning to interactive learning.  
A trendsetter solution for advanced educational needs.

# Blending traditional along with modern pedagogical methods

A contemporary solution for any educational institute where teachers and students can preserve their traditional methods while grabbing benefits from modern means of education. This pattern of teaching helps to fetch more progressive ideas and make the learning experience enhanced and immersive.



Revolutionize the era of Digital Teaching with this completely innovative and user-friendly solution...!!!

# For holistic learning & teaching environment

This solution is perfect for classrooms to create a holistic teaching & learning environment. It allows a teacher to utilise his/her limited span of time and make the students understand and learn every single concept in multiple ways.



# Teach with Freedom

It comes with an IFPD and enabled with digital White Board to preserve traditional teaching methods while incorporating modern ways of education. It can also be connected to any external device like Laptop/PC to explore & learn more.

# Visual Presenter

With the help of a visual presenter one can show real-time images, objects, maps and documents on the display and even annotate on them to highlight details.



# Screen Mirroring

Share data from mini PC wirelessly on multiple phones/tables, adding to the accessibility of the digital board.

# Live Annotation

Live annotation and Interactive Teaching Software make topic more enthralling as teacher gets the leverage to edit, save, erase, highlight, colour, shape, print, email, record, choose brushes, use subject tools, etc.



# Technical Specification

Model	IMPACT X75-V2
Technology	DLED backlight technology, ensuring a vibrant display with IPS (In-Plane Switching) capabilities with smart eye protection
Display size (Diagonal)	75 inches
Display Color	10-bit color depth, offering a spectrum of 1.07 Billion vibrant colors.
Resolution	3840 x 2160 (4K)
Aspect Ratio	16:9 (Landscape)
Viewing Angle	178°Horizontal / 178°Vertical
Auto Brightness Control	Inbuilt Light sensor to control brightness automatically based on ambient light
Brightness	500 cd/m²
Contrast Ratio	5000:1
Response Time	2 ms
Working Hours	50,000 Hours
I/O Ports	Input: HDMI x 3, VGA x 1, DP x 1, YBPR In x 1, AV(3.5mm) x 1, Mic In (3.5mm) x 1, PC Audio In x 1, TF Card (Micro SD up to 512GB) x 1, OPS slot x 1; Output: HDMI x 1, AV(3.5mm) x 1, Earphone x 1 SPDIF x 1; USB Ports: USB 3.0 Type A x 5, USB Type C x 2, USB Type-B x 2
Communication Port	1x RS232 In, 2 x RJ45 10/100/1000 Gigabit ethernet port (In & Out)
Buttons	Volume UP/Down, Home, Back, Menu, Touch on/off & Power Buttons
Smart Multimedia Port	Built in Type-c multimedia port on front side to deliver Video, Audio, Touch control and Fast charging of up to 65 watt using a single USB type C cable
Wireless Connectivity	Inbuilt Dual band Wi-fi (2.4 & 5Ghz), Bluetooth 5.0
Smart USB	All USB ports are equipped to support Sharing Mode with Android devices, Internal PCs, or other external PCs/devices
Built-In Speakers	Experience immersive 2.1 stereo sound with built-in 25 Watt x 2 speakers and a 25 Watt x 1 subwoofer
Operating System Compatibility	System is compatible with Windows 10, Windows 8, Windows 7, Linux, Mac, and Android operating systems. It features an embedded player CPU.
Virtual Keyboard	Inbuilt virtual keyboard with English to Hindi writing support.
Multi-language GUI	GUI interface in both Hindi and English Language
Pen Holder	Fame/structure includes an inbuilt magnetic mechanism designed to securely hold up to two pens
Security	Lock USB port, Screen Lock, application lock to restrict unwanted access.
Power Supply	100~240V AC , 50/60 Hz
Power Consumption	300Watts, Standby < 0.5W

Touch	
Type	4 mm Tempered Anti-Glare Glass, Scratch resistant
Touch accuracy	± 1 mm
Touch Sensor	IR Infrared (Zero Gap bonding)
Touch On/Off	Available on Front of Display
Touch Resolution	32767 x 32767
Response Time	<4 ms
Touch Points	20 points Multi Touch
Communication Interface	USB

Special Features
<ul style="list-style-type: none"><li>In-built Google Play-Store, Gmail, You-tube, cloud drive access from Google drive &amp; one drive applications</li><li>In built quiz tool to allow participants to submit answers from their Smart Phones (Answering/Voting/Messaging), built in Screenshot using single click, Screen recording feature supports up to full HD resolutions.</li><li>Inbuilt Hotspot with internet sharing across the connected devices.</li><li>Support software based VC with internal android platform like Google meet, Cisco WebEx , Skype, Microsoft teams &amp; zoom applications.</li><li>Gesture control like Hold five fingers on screen for Interactive display sleep mode, hold and move three fingers on screen for Floating menu &amp; swipe the screen Upside for Pull up menu control.</li><li>Inbuilt Volume equalizer and surround sound support to enhance the sound quality.</li><li>Floating Tool available on all screen for quick access tools.</li><li>Multi Controlling menu including Side menu, floating menu and pull up menu.</li><li>inbuilt split screen user able to split the screen to operate multitask like play a video in half of screen and open whiteboard in other half side.</li></ul>

Screen Mirroring	Data from Mini PC can be shared wirelessly on multiple Phones/Tablets without any other hardware requirement. allow user to share/mirror the content of Laptop/Desktop and mobile device(Android) wirelessly and Screen Share software to show up to 4 Multiple screen at same time.
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Interactive Classroom Suite
Inbuilt whiteboard software for teaching/ training using Interactive display with features like (Pen, thickness of pen, colours of pen, Pixels eraser and Region eraser, Shapes (Circle, Triangle, Rectangle, arrows),Background of White board (multiple colours also use picture, shape), Redo/Undo, Next/Previous, Select & Drag option, Switching between single touch and multiple touch, Clear screen, List of pages with deleting option, Switching tool bar right to left, Many other Tools (Compass, Protector, Insert Table, Calculator, Curtain, Timer, Calendar, Camera, Spotlight, Multiscreen (divide board in 2,3,and 4 parts with background colour and different pen colour), on screen annotation. Interactive software of the same OEM. Interactive software of the interactive Display detects the Visual Presenter/ Visualiser and able to annotate on the image captured by the Visual Presenter/ Visualiser.

Inbuilt Android Hardware	
Android Version	11
CPU	Quad Core
RAM	8 GB DDR 3
Storage	64 GB (expandable upto 512 GB)

Storage Conditions / Packing Information	
Operating Temperature / Humidity	0°C ~ 45° C / 10%-80% RH
Mounting	Wall-mounted
Standard Accessories	Wall Mount Kit, Power Cable (1.5m) x 1, HDMI Cable (1.5m) x 1, USB A to B Cable (1.5m) x 1, User Manual, IR Remote Control with batteries, All connecting Cables and accessories, Pen/stylus x 2

OPS	
Type Detachable	PC Module
CPU	Intel Core i5 Processor 10th Gen
RAM	8GB
Hard Disk	256 GB SSD
Ports	HDMI x 1, USB ports x 4, LAN Port x 1
MS Office	1 Year License
Max Power	65W
Operating System	Windows 10

Cabinet	
Cabinet	Wall Mounted Lockable Enclosure to house, Multimedia Controller, Visual Presenter, Mini PC, UPS with casing, Digital Clock & Wireless Keyboard & Mouse
Material of Cabinet	Powder coated CRCA Steel Sheet of minimum 1.2mm thickness

In -Built Digital Clock	
Digital Clock	Time, Date, Day and Current Temperature

In -Built Visual Presenter	
Type	Portable
Technology	CMOS/CCD
Image Capture Size	A4 Size (210x297 mm)
Native Resolution	Full HD 1920 x 1080
Optical Zoom	12x
Digital Zoom	8x
Video Frame Rates	25 FPS
Focus Arrangement	Auto Focus
Camera Head Rotation Angle	Camera head rotation angle-180 degree in horizontal and 180 degree in vertical
Light Source	White LED

Sound Bar	
Audion and Microphone	Amplifier of 120 watt & 20 Watt x 4 Speakers and 20 watt of tweeter speaker housed in a single unit, 1 External Subwoofer of 20 watt. Inbuilt Microphone Receiver, and supplied with one number of wireless Hand Held mic and One number of Headband mic.

# Technical Specification

Student Device	
RFID Module	2.4 Ghz
Power Function	Power button for Power ON/OFF
Response Function	0-9, A-F, Yes/No Input and automatic switching
Material	ABS with Polycarbonate
Display	ID, Signal Intensity, Battery, Operation Instructions
Backup	More than 60,000 of Answering or up to 12 months
Communication Range	Upto 100 meters
Number of Clickers	50

Teacher Device	
Material	ABS+ Polycarbonate
Response function	Page up/down, A-D, OK
Display	ID, Signal Intensity, Battery, Operation Instructions
RFID Module	2.4 Ghz
Communication Distance	30 meters
Next and Back Question change	Yes
Lifeline Option	Yes
Question Start and End	Yes
No. of Clickers	1

Student Response System	
RFID Module	2.4 Ghz
Antenna	Dual Omnidirectional External Antenna
Indicator Light	Red and Green indicator Lights
Wireless Range	30 meters
Material	ABS
Data Interface	USB Type B
Power	USB Power supply
Operational features	Android 7, 8, 9, 10, 11as available in Interactive panel

Features
Integrated with Microsoft powerpoint
Users are able to upload excel sheet for large no. users binding/ pairing at once
Configurable binding/ unbinding of keypads as per user with Participants ID and name
Support Offline only Mode
Users are able to Add/ Edit/ Delete Questions
Single Choice and Multiple Choice Questions
Support Yes/No Questions
Support Audience Polling (Yes/ No)
Support Voting Response
Support Lifeline Response
Support Scoring Feature
Preset controlled participation Time
Quiz in powerpoint/slide-show related softwares
Fatest responder with correct Answer
Negative marking for questions
Option to set time & marks for each question
Report generation within software
Automatically shows the winner podium with their names and download image option
Set count down time feature
Change question automatically once every users submitted their answers
Control quiz via teachers clicker
Set the delay time of Question start in seconds
Support NFC binding to save the teacher's time
Class management & Student management feature
Automatic attendance marking
Start quiz from current and beginning slide
Dashboard of Total user, Voted and Not voted user
Display the name of users, those who have submitted their answers
Switch between 2D and 3D graph

Reports
Report question-wise
Report Overall-wise
Report Summary in the form of statistics
Report Availability on Bar-chart format
Report Availability in Pie- chart format
Report Availability with Student attendance
Report Availability in percentage format
Report Availability in Numeric format
Report Availability of Attendance
Reports should be professional with proper cover page, correct answer, graph, timing and ranking
Report availability in excel and pdf format

\*Due to continuous product development, the specifications may change without prior notice.  
\*\*Product image(s) are for illustrative purposes only and may differ from the actual product.