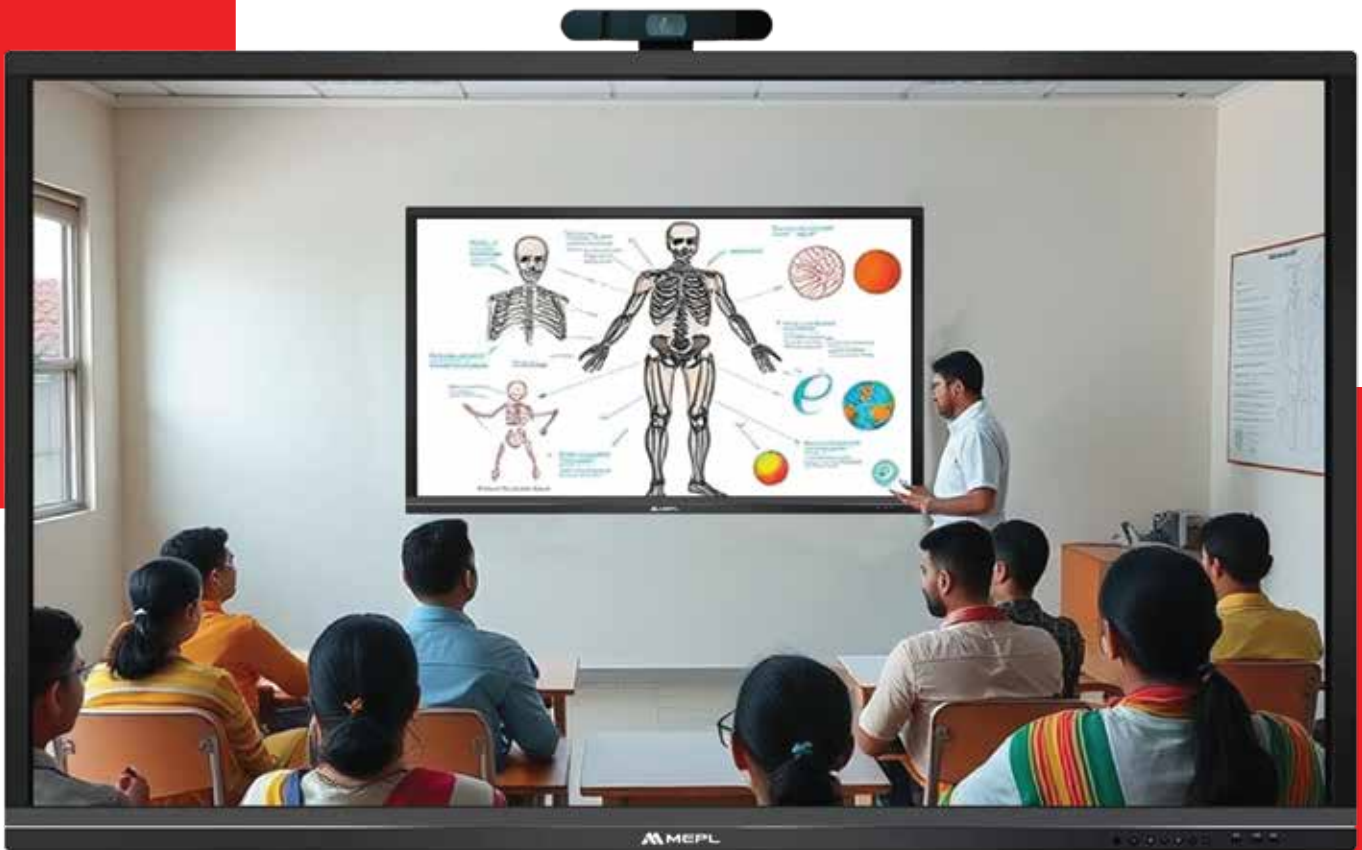




# 4K INTERACTIVE SMART BOARD

FOR CLASSROOMS, BUSINESS MEETINGS, AND HOMES



## DUAL OPERATING SYSTEM WINDOWS & ANDROID



**Smarter Meetings**



**Interactive Presentations**



**Seamless Connectivity**

Boost engagement with MEPL's cutting-edge 4K interactive smart boards and all-in-one presentation solutions, tailored for boardrooms, classrooms, and training sessions





# BRILLIANCE IN EVERY PIXEL, INNOVATION IN EVERY TOUCH

Suitable for Classrooms and Corporate Offices



## Key Functions



Crystal Clear Vision: 4K Resolution & Anti-Glare for an Unmatched Viewing Experience.





# ARTIFICIALLY INTELLIGENT BOARDS FOR ACTUALLY INTELLIGENT MINDS

Discover how AI-powered features are transforming Interactive Smart Board. We'll explore voice input, translation capabilities, and ChatGPT integration. These innovations are reshaping presentation and communication in professional environments.

## The integration of AI features.



AI Voice Typing



AI Voice translation



AI Voice search



Screenshot translation



Chat GPT

## Translating the World Around You



### Instant Translation

Capture a screenshot of any visual text and translate it instantly.



### Global Understanding

Bridge communication gaps and expand access to information worldwide.



### Multiple Language Support

Translate text in a variety of languages, making information readily accessible.

## AI-Enhanced Learning Experiences

### Personalized Learning

AI tailors content and pace to individual student needs, ensuring everyone learns effectively.

### Interactive Engagement

Smart boards with AI foster active learning through engaging games, quizzes, and virtual field trips.

## Transforming Corporate Training



### Data-Driven Insights

AI analyzes performance data, providing insights to optimize training programs.



### Global Synergy

Smart boards facilitate real-time Teamwork with colleagues and clients across the globe.



# EMPOWERING SMARTER WORKSPACES

1

## Engagement

Promote team involvement.

2

## Efficiency

Improve project workflows.

3

## Innovation

Drive creative solutions.

4

## Growth

Achieve smarter results.



## Enhanced Video Conferencing



### High-Quality Video

Crystal-clear visuals for remote participants



### Superior Audio

Built-in speakers and noise-cancellation technology



### Seamless Connectivity

Easy integration with popular conferencing platform

## Dynamic Presentations

1

### Screen Sharing

Wirelessly connect devices to display content

2

### Live Annotations

Write, draw, and highlight directly on presentation

3

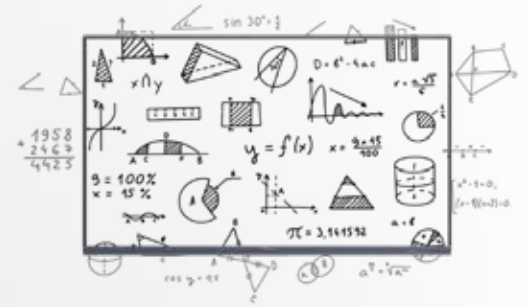
### Multi-Touch Functionality

Interact with content using intuitive gestures





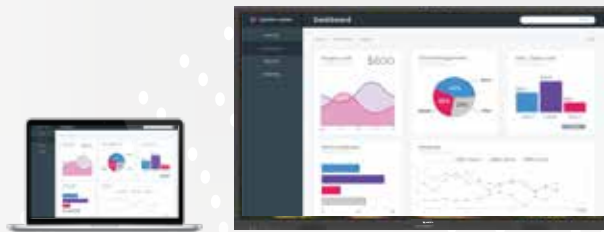
# CREATE, CONNECT AND SHARE WITH THE SMART BOARD



Change tools at a touch with our floating toolbar

Access websites without leaving the whiteboard

Never run out of space with our infinity canvas

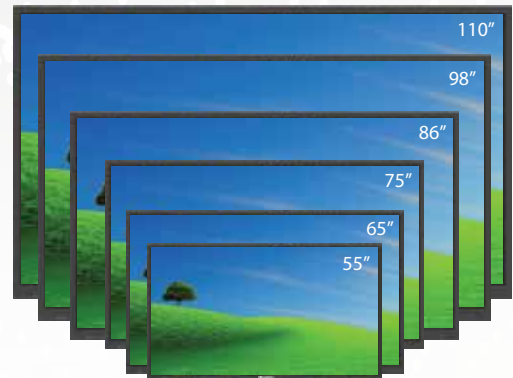


## Multicast (Two-way Casting)

Cast content from your laptop to an Interactive Flat Panel Display (IFPD)

Multi-platform cast compatibility Windows | Android | Mac | iOS

Sizes 55", 65", 75", 85", 98", 110"



# SLIDING HORIZONTAL PROTECTION SYSTEM



**Durable Design**  
Built to last with high-quality materials. Protect your investment from accidental damage and daily wear

**Universal Compatibility**  
Fits screens from 55" to 86"  
One solution for all your interactive display protection needs

**Enhanced Security**  
Lockable feature prevents unauthorized access. Keep your valuable technology safe when not in use

**Easy Operation**  
Smooth sliding mechanism for effortless use. Quickly cover or reveal your display as needed

# ACCESSORIES



### Trolley stand (MTR01)

- Rolling smart board floor stand with locking wheels & adjustable height.
- Available for all panel sizes.



### OPS/Computer

- Interactive panel comes with an OPS slot, allowing you to attach an OPS.
- OPS give your smart board the full power of a desktop or laptop computer.



### ePTZ Web-cam with soundbar

- Professional USB plug-n-play HD camera audio soundbar for conference rooms.



### Document reader (MDR01)

- Document reader designed for classroom to project paper documents and other objects on the IFPD screen.



### 4K ePTZ Web-cam (EWC04)

- Intelligent auto-framing, autofocus & auto-light correction.
- Plug-n-play USB connectivity, remote control, wide-angle view.



### Wireless streaming solution (MWD01)

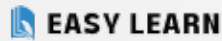
- Wireless streaming solution for laptop, tablet and smartphone.
- Cast to smart board without any messy cables.
- Present wirelessly from multiple devices.

# SPECIFICATIONS

Model	ML55CC	ML65CC	ML75CC	ML86CC	ML98CC	ML110CC
Image						
Diagonal Size	55 inch	65 inch	75 inch	86 inch	98 inch	110 inch
Backlight	DLED					
Resolution	3840 × 2160 @60 Hz					
Color	10 bit					
Display	Visual Angle 178° (H) / 178° (V)					
Response Time	6 ms					
Contrast	4000 :1(Typ.)	4000 :1(Typ.)	4000 :1(Typ.)	4000 :1(Typ.)	4000 :1(Typ.)	4000 :1(Typ.)
Brightness (Nits)	400	450	450	450	450	450
Input Interface	HDMI (IN), MiniPC (OPS) Interface, USB 2.0, USB 3.0, USB Type-C, USB Touch, AV (IN), AV (OUT), DP (IN), VGA (IN), YPbPr (IN), RS232 (IN), PC / VGA Audio (IN), Earphone (OUT), SPDIF / Digital Audio (OUT), RJ45, In-built Dual Band Wi-Fi, HDMI (OUT) & MIC (IN)*					
Power	Power Consumption ≤ 160W	≤ 180W	≤ 200W	≤ 220W	≤ 300W	≤ 300W
Standby Power	0.5 W					
Working	Operating Temperature 0 °C to 40 °C					
Environment	Operating Humidity 10% to 90% RH					
General	Dimension (WxHxD) 1267x790x85 mm	1486 x 909 x 89.9 mm	1707x1033x100 mm	1946 x 1181 x 106 mm	2232x1329x108 mm	2680 x 1730 x 320 mm
Operation System	Android 13/14, Quad core / Octa core					
Built-in	Memory 4 GB/8Gb					
System	Built-in Storage 64 GB/128					
NIC	Built-in 1000 Mbps NIC, supporting routing; IEEE 802.11 a/b/g/n/ac with 2 × 2 MIMO, supporting both 2.4 GHz and 5GHz bands					
Type	Infrared touch screen					
Glass	AG smooth glass					
Touch	Touch Point 40 point multi-touch					
Touch Response Time	<10 ms					
Touch Precision	± 1 mm ( ≥ 90% touching area)					
Pixel	8 MP					
Camera Function	Smart switch between Android system and OPS					
Camera*	Field Angle 120°(diagonal), 110°(horizontal), 66°(vertical)					
Distortion	≤ 6%					
Camera Resolution Ratio	Up to 4K					
Mic Function	Omni-directional 6-array layout					
Microphone*	Echo reduction and smart noise-cancellation					
Sampling Rate	8 m					
Mic Sampling Rate	32 K					
Weight	Net/Gross 30.5 Kgs/37.5 Kgs	31.5 Kgs/43.5 Kgs	55 Kgs/70 Kgs	90 Kgs/107 Kgs	111 Kgs/127 Kgs	120 Kgs/194 Kgs



# EasyLearn The Next Generation E-learning & MIS Platform



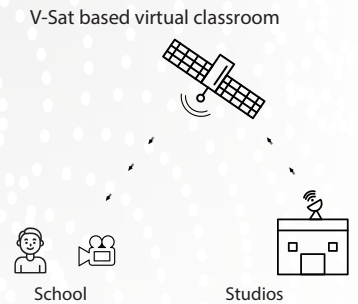
- 1 **Comprehensive Learning Tools**  
Virtual classrooms, multimedia content, quizzes, and personalized learning paths for enhanced student engagement
- 2 **Integrated MIS**  
Efficient management of student data, attendance, grades, and fees, streamlining administrative tasks
- 3 **Real-time Access**  
Parent and student portals provide instant access to schedules, reports, and academic progress
- 4 **Secure Platform**  
Advanced security features including 2FA, captcha, and face recognition for data protection

## Government and Corporate Clients



## Educational Projects

- ▶ BMC Virtual Classroom Projects 4 Studios & 480 Schools
- ▶ Balbharti Pune (Z. P. Schools) 3 Studios & 725 Classrooms
- ▶ Uttarakhand Education Department 4 Studios & 500 Classrooms
- ▶ Odisha District Sundargarh Education Department 2 Studios & 1250 Classrooms



**4000+**  
**CLASSROOMS**

**1000+**  
**SCHOOLS**

**2 Lakh+**  
**STUDENTS**



## About MEPL: Pioneering Affordable Innovation

MEPL, established in 1989; has evolved from manufacturing televisions to becoming a leader in innovative, affordable electronic products. Our journey includes pioneering 90-channel remote converter kits, 5.1 Home Theater Systems, and now high-quality LED Televisions and Interactive Flat Panel Displays.

As the first Indian factory to manufacture printers in collaboration with Pantum International Limited, we pride ourselves on developing products tailored to the Indian market. Our core purpose is to introduce technologically advanced, high-quality products at an affordable price, competing with international brands while supporting the Make in India initiative.

