



Digital Teaching Device Solution - Enterprise Series

An organized and simplified way of teaching and learning

MODEL: DL 200 Premium

# DL 200 Premium

# Application Areas

Schools - Colleges - Universities

Institutes - Training Rooms

Seminar Halls

## Digital Teaching Device Solution

Model: DL 200 Premium



## Technical Specifications

Interactive Board	
Diagonal Size	78 inches
Board Surface	E3 Eco friendly Ceramic coated magnetic scratch resistant surface with 100 percent erasability. Fully erase the marking of Whiteboard marker pen on the surface using ethanol. Ceramic sheet Thickness - 0.6mm
Resolution	32767 x 32767
Touch Technology	Infrared, Finger and Stylus Touch
Number of Touch Points	6 points
Response Time	1 ms
Computer Interface	USB
Connectivity	Capable to connect with interactive touch pad
Hot Keys/ Shortcut Keys	Available on both sides of board
Software Features	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.
Power Consumption/ Power	< 0.5W, USB Powered
Operating Temperature / RH	0° - 45°C , 90% RH at 40°C
OS Support	Windows 10 & Linux
Accuracy	1 mm
Standard Accessories	Stylus holder with 2 stylus, USB Cable, Software and User Manual CD, Wall Mount Kit

Short Throw Projector with Projection Arm	
Technology	DLP
Native Resolution	1280 x 800 (WXGA)
Brightness	4000 ANSI Lumens
Contrast Ratio	22000 : 1
Lamp Type / Life (Modes)	UHP / 10000 hours in normal mode, 15000 hours in economy mode
Aspect Ratio	16:10
Digital Zoom	0.8X-2.0X
Throw Ratio	0.50
Input	VGA x 2, Audio-In, RCA x 1, S-Video x 1, HDMI x 1
Output	VGA, Audio-Out
Control Ports	RS232, USB, RJ45
Keystone Adjustment	±30° (both horizontal and vertical) along with corner correction
Power Consumption	330W (Max.), Standby < 0.5W
Inbuilt Speaker	20W RMS (20Hz - 20 KHz)
Power Supply	100 - 240V, 50/60 Hz AC
Dimensions (mm)	316 x 103.7 x 228 (W x H x D)
Accessories	Cable management hood, VGA cable, Power cable, Remote control with laser pointer, Wall Mount Kit, User manual

Portable Visualizer	
Camera	
Image Pick-up Device	CMOS sensor

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Effective Pixels		1920 x 1080
Frame Rate		30 FPS
Resolution	RGB Output	HD (1920 x 1080)
Computer Interface		USB
<b>Optics</b>		
Optical Zoom		12x
Digital Zoom		10x
Shooting Area		A4 (210 x 297 mm)
Focus		Auto Focus
<b>Functions</b>		
Rotation	Image	Provided
	Camera	180° (Horizontal) / 180° (Vertical)
Software Feature		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.
<b>Lighting</b>		
Lighting Source	White LED	

<b>Digital Podium</b>		
Type/ Mounting	Free Standing, Wheel Mounted	
Construction	1.6mm CRCA steel sheet, screw less chassis, polymer powder coated steel body, Wooden Top, all directional wheels with lock. No ports/wire exposed while the Podium is locked and not in use to avoid any kind of breakage or mishandling. Cooling Fans in lower body	
<b>Display</b>		
Monitor	Highly sensitive, built-In Interactive Touch Monitor with tilt facility and mechanism to make the panel stable to avoid any kind of shake while writing.	
Screen Type	Color LED	
Size	21.5" (54.61 cm)	
Resolution	1920 x 1080 (Full HD) / 4000 Lpi (lines per inch)	
Computer Interface	USB, VGA/DVI/ HDMI	
Aspect Ratio	16:9/ 16:10	
Response Time	5 ms	
Viewing Angles	170(H) ; 160(V)	
Touch	Finger and Stylus	
Reading Accuracy	±0.5 mm (center)	
Pen Pressure Sensitivity	2048 Levels	
Tracking Speed	200 points / second	
Speakers	Inbuilt in display panel	
<b>Controller</b>		
Features	Touch pad keys, VGA, Volume Control, Power On/Off, Projector/Display On/Off, Mute, External PC input	
I/O Ports (on Front Panel of the Cabinet)	Power socket to give power to external devices, VGA IN, USB 3.0 x 2, HDMI IN, Computer Audio IN	
LAN Connection	RJ45 LAN port	
Source Selection	Switch to toggle between various sources for the output on the projection screen through a touch panel	
<b>Audio System</b>		
Wireless Microphone System	Hand held Microphone x 1, Lapel Microphone x 1, Wireless Microphone Receiver x 1 (10 meter range)	
Gooseneck Microphone	21.5cm Phantom powered (no requirement of batteries thereby eliminating consumable cost) Permanently polarised condenser, highly directional featuring hypercardioid / lobar directivity Gooseneck Microphone with XLR output, ON/OFF switch and LED light indicating ON/OFF status.	
Amplifier and Speakers	100W RMS Amplifier and two speakers of 50W RMS each	
<b>System Details</b>		
CPU Housing	Small form factor, 2L volume	
Processor	Intel Core i3, 3.4 GHz, 7th Generation Processor, 6 MB Cache	
Memory	4 GB (upgradable upto 32 GB )	
HDD/ Storage	1 TB	
Ports	HDMI x 1, Display Port x 2, USB 3.0/3.1 ports x 6, LAN Port x 1	
Wi-Fi	Built in Wi-Fi / Wireless LAN Card	
Keyboard and Mouse	Wireless Keyboard and Mouse provided	
Operating System	Windows 10 Professional (Preloaded)	
<b>Power</b>		
Power Supply	100 - 240V, 50Hz, AC	
Power Consumption	120 Watt (Max)	

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Environment	
Operating Temperature	5°C ~ 40°C, 90% RH at 40°C
Weight	90 kgs. (Approx.)
Space Management and Security	A dedicated sliding space to house CPU/Laptop with Security Lock, Sliding Shelf housing for visualizer with connectivity, Space for Keyboard and mouse. Integrated authentication System having RFID, Password protection & Physical Key for secure access to system.

Online UPS	
Power	1000 VA
Battery Backup	30 minutes
Casing	Provided

Green Board	
Size	78 inches diagonal

\*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.

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