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ATLANTIC DEVICES

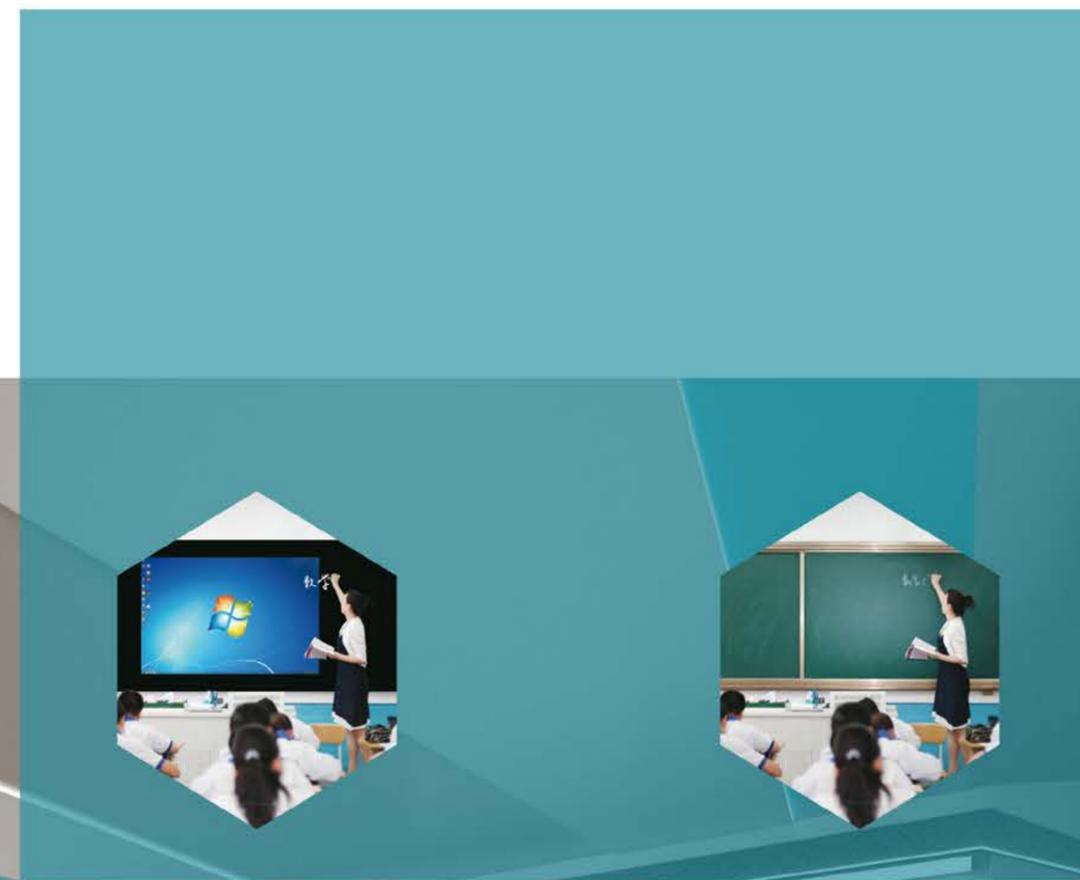
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SMART E-BLACKBOARD

The new concept in Interactive Display, traditional blackboard and multitouch panel, all in one.

PRODUCT PHILOSOPHY

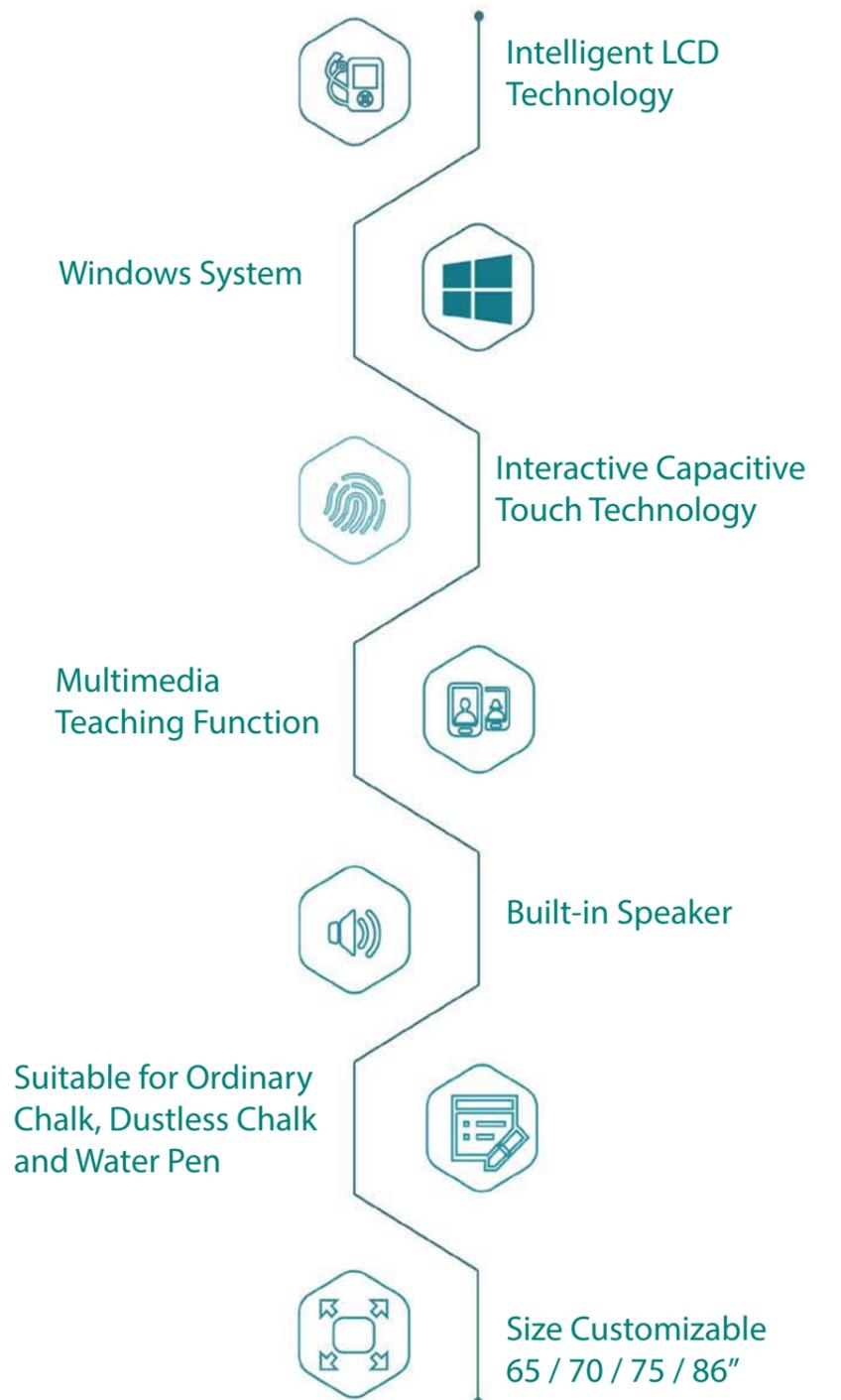


The Smart e-Blackboard integrates a traditional blackboard with Full HD and 4K multi-touchscreen and future technology perfectly, which brings you all the conveniences in teaching. You can write on the E-blackboard as well as you play video, PDF, pictures, PowerPoint and etc.

The Smart e-Blackboard consists of three pieces of flat panel, each can be written on by chalk and water pen. The middle part integrates with an FHD or 4K capacitive touch screen which is accessible when the power is on. Modular structure, simple and quick installation on site. Wall hanged or movable stand support.



PRODUCT INTRODUCTION



HARDWARE FEATURES



Writing Photoelectric Glass

Nanoscale processed photoelectric glass is capable of writing, Processed with anti-glare and high transmittance technology, with high surface strength and anti-scratching, harmless to vision.



Capacitive Touch Technology

High precision, high fluency, 10 points touch supported
Anti-interference ability, equipped with high-precision capacitive touch pen

LCD Panel

Original LCD Led panel, with high color depth, high contrast and brightness.
Full HD 1080 / 4K-UHD screen (depending on models).



Compatibility

Any teaching software operated under Windows system is compatible with the Smart E-blackboard, such as Smart Notebook®, Mozabook®, etc.
Includes an integrated Intel Core i5 OPS computer with Windows® operating system (optionally other configurations).



SOFTWARE FEATURES



Interactive whiteboard

Writing: various of lines and colors are available.
Assistant board: Teachers can write, remark on the assistant board and store it separately while playing multimedia courseware.
Spotlight: Highlight any part you need.
Magnifier: Magnify any part you need.



Spotlight



Magnifier

Hand gesture operation

Hand gesture eraser: Under hand writing mode, you can eraser with your palm.
Hand gesture control: You can zoom and rotate any image, audio, video and graphics by hand gesture.



Hand gesture eraser



Hand gesture control

Intelligent identification

Writing characters identification: The hand writing characters including Chinese, English and numbers can be identified and turned to print. Deleting any part of the print by drawing a line on it.
Formula identification: The hand writing formula can be identified.
Shape identification: Any regular or irregular shapes can be identified, such as irregular five-pointed star.



Writing characters identification



Formula identification



Shape identification

Educational software

Various of subjects tools are available



Background theme



Material library



Laboratory

Features subject to the specifications of the chosen software.

Multi-screens Interaction



Tablets can be connected with the E-black-board through Wi-Fi to make sure multi-screens interactive.

Visual Presenter (Optional)



Optionally can include a document camera that allows to show contents in paper, objects or resources in videoconference. It can be connected wirelessly.

REAL CASES OF DAILY USE OF THE E-BLACKBOARD



Video viewing and web browsing.



Trimming of photographic image.



Use of the interactive screen and annotation with chalk in the science lesson.

Schools facilities

Real facilities photographs of the e-Blackboard in schools. According to ICT managers of the centers:

"The choice of e-Blackboard is based on the need to optimize the space by accessing digital resources without renouncing to a work area with the traditional method."

"The assessment of the students is excellent because it allows them to access digital resources from the same space as the traditional blackboard".



Product features

Item	70 inches	86 inches
Model	DC700NH	DC860NH
Display	Contrast: 4000:1	Contrast: 4000:1
	CT: 10000K	CT: 10000K
	Nits : 400cd/m ²	Nits : 480cd/m ²
	Resolution: 1920 x 1080	Resolution: 3840 x 2160
Response rate: 8ms		
Touch	Technology	P-CAP
	Touch Point	10 points touch
	Cursor Speed	180 dots/s
	Display ratio	16:9
	Positioning Accuracy	<5mm
	Connecting Port	USB 2.0 USB 1.1 USB 3.0 HDMIx2 VGAx1
	Response rate	Less than 10 ms
	Operating System	Windows
	Connection	USB cable, wireless module (optional)
	Power Supply	USB power supply DC 4.6V- 5.0V <1W (100mA at 5V)
PC OPS		Visual Presenter (optional)
<ol style="list-style-type: none"> 1. Intel Core i5 2. RAM: 4G DDR3 1600 3. ROM: 128G-SSD 4. WLAN standard: IEEE 802.11ac 5. Ethernet: 10M/100M/1000M 6. OS: Windows 10 included 		<ol style="list-style-type: none"> 1. Pixel: 5 million/8 million (optional) 2. Frame no.: 25 frames/sec under 720P/1080P 3. Max shooting range: A4 4. Image color: RGB24 5. Shooting rate: less than 1 second 6. Working distance: 30 meters

