

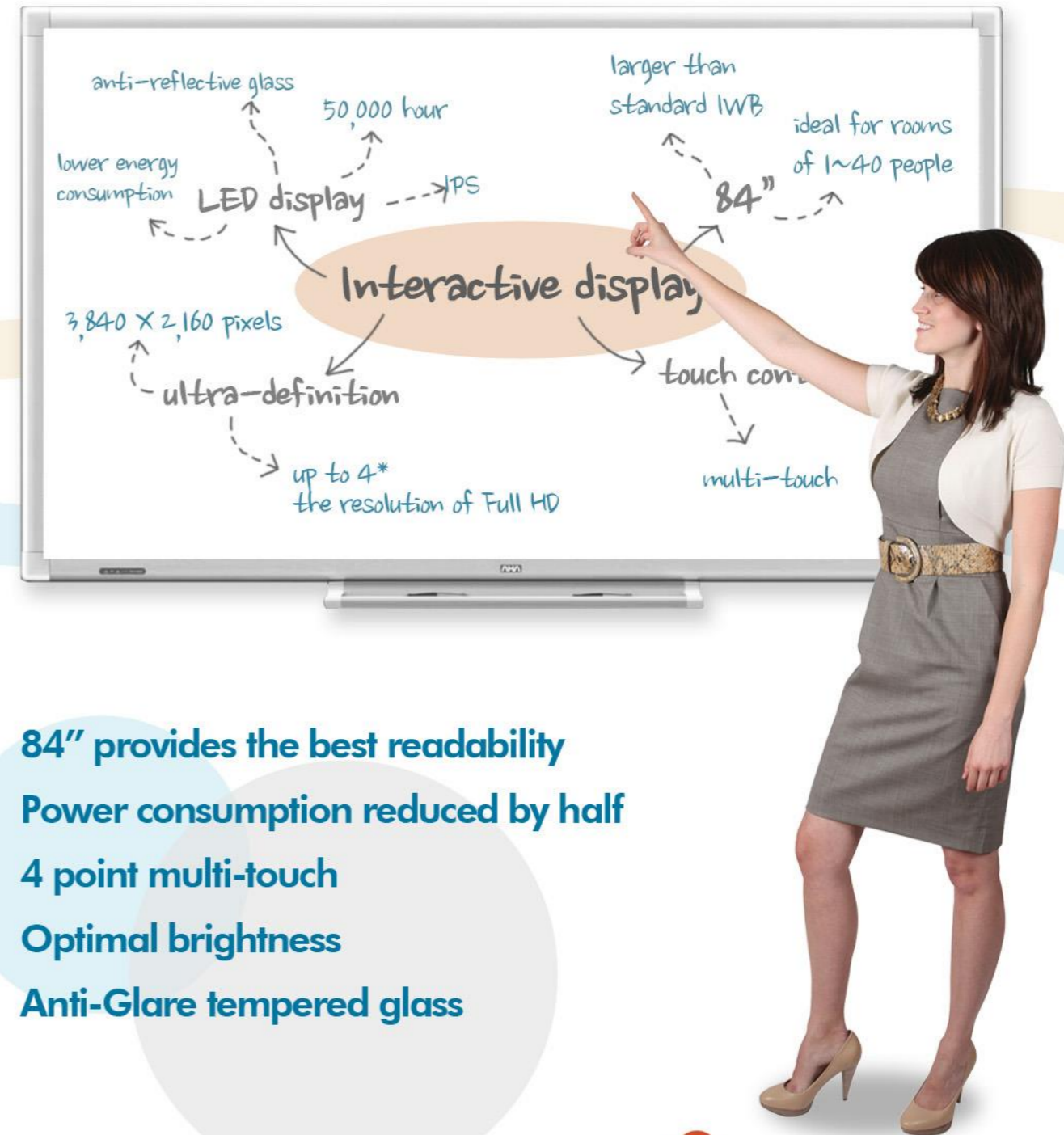
Product Specifications

LED Panel Specifications		System Specifications	
Display Size (Diagonal)	84Inch (16:9) / 2130mm	Detection method	Optical image sensor system
Response Time	5.0ms(Typ G to G)	Touch tool / Reaction	Hand and or other solid object, 50ms(min)
Pixel Pitch(mm)	0.4845(H) x 0.4845(V)	Supported OS	Windows XP / Vista / 7 / 8 / Mac
Resolution(Dots)	QWUXGA (3,840 x 2,160)	Effective screen size(mm)	1860,48(W) x 1046.52(H)
Colors	10bit(D), 1.06Billion colors	Digital Scaling (compression)	1920 x 1080
Brightness	350cd/m'	Overall dimensions (with stand) mm	1974(W)x1243(H)x280(D)
Contrast Ratio	1600 : 1	Overall dimensions (without stand) mm	1974(W)x1160(H)x101(D)
View Angle(Typ)	Hor. 178, Ver. 178	Weight	Approx. 95Kg
Panel Size(Typ)mm	1,904(H) x 1,096(V) x 24(D)		

Ratings of Environment			
Storage Temperature	-20°C ~ +60°C	Power Supply Voltage	AC100 - 240V, 50/60Hz
Operating Temperature	0°C ~ +35°C	Power Consumption	150 ~ 430W

Input/Output Description		
Video	Picture Status Memory	5 Modes
	Color Status Memory	4 Modes
Output	Sound	10W X 2 Ch(at EQ Max), Stereo, 5 EQ Bands, 5 SSM Modes
Terminals	PC-RGB, PC-Audio	1 (D-SUB 15P), 1 (Ø3.5 JACK)
	HDMI	3 (HDMI 1.3 / HDCP 1.1 / DVI 1.0 Compatible)
	DisplayPort	1 (HDMI 1.3 / HDCP 1.1 / DVI 1.0 Compatible)
	Ext, Audio Output	1 (Ø3.5 JACK)
	Ext, Speaker Output	1 (Ø3.5 JACK L/R, 8Ω)
	RS232C	1 (D-SUB 9P)
	USB	2 (For Touch Sensor Control, Etc)
	OPS Interface (Optional)	1
	CVBS Input/Audio L/R (Optional)	1 (RCA JACK)
	Component Video/Audio (Optional)	1 (Y-Pb-Pr RCA JACK)
Others	DPMS Mode	D-SUB / HDMI / DP Capable
	Convenience Function	Clock / Sleep Timer / Auto Sleep / On /Off Timer / Child Lock
	Current Temp. Display	-10°C ~ 100°C
	Temp. Control	High Temp Setting Capable(for fan control)
Resolution	HDMI	1080P(50HZ/60HZ), 1080i(50HZ/60HZ), 720P(50HZ/60HZ), 576P(50HZ), 480P(60HZ)
		VGA, SVGA, XGA(1024x768 / 60HZ/70HZ/75HZ)
		SXGA 1280x1024(60HZ)
		WXGA 280x768(60HZ/75HZ), 1360x768(60HZ/75HZ)
		WSXGA 1600x1200(60HZ), 1920x1080(60HZ)
		WUXGA 1920x1080(60HZ)
	PC (DVI / DisplayPort)	480i/480P/576i/576P/720P/1080i/1080P
	Component (Optional)	

84" 2Touch Interactive LED



- 84" provides the best readability
- Power consumption reduced by half
- 4 point multi-touch
- Optimal brightness
- Anti-Glare tempered glass

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State of the art multi touch LED interactive displays.

84" LED Interactive Display Key Features

1. Why LED?

The power consumption is 1/2 of LCDs the same size, and color saturation is higher.

2. Utilization of anti-reflective tempered glass

Prevent the blurring of images.

3. Powerful multi-touch

4 Point, 4 camera sensor

4. Is a brighter interactive display better?

Optimal brightness for students, teacher

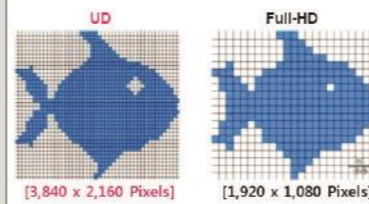
5. Why is the 84" size optimal?

Legibility distance test results for each screen size show that for class sizes of 35 students, the 84" screen size provides optimal readability.

6. LED panels have a lifetime of 50,000 hours.

This can be converted to 10 hours of instruction, 200 days a year for 25 years.

New Generation UD panel apply
Adopted 4times more than HD
Ultra Definition = Full HD (x4)

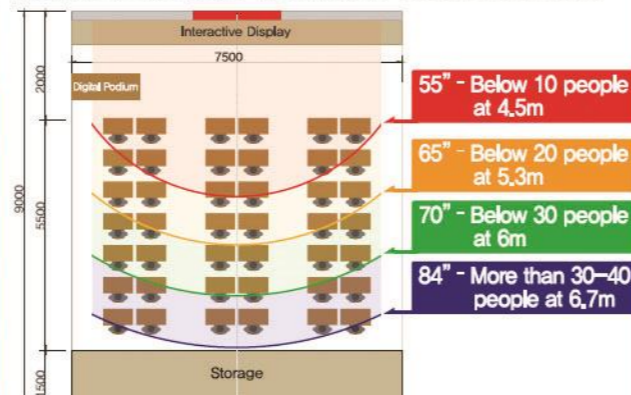


Ultra definition provides more delicate and clear pictures.

Legibility Distance Test Results by Screen Size

Distance from Display	Screen Viewers	55"	65"	70"	82"	84"
4.5M	Below 10	100	100	100	100	100
5.3M	Below 20	72	96	100	100	100
6.0M	30 or more	12	58	97	100	100
6.7M	35 or more	3	22	45	100	100
7.5M	40 or more	0	4	16	92	97

Distance to the display according to various screen sizes



(Institute for Next Generation Convergence of Interactive Displays)

The new standard of interactive displays

The era of LED: low power consumption, slim design and high-quality. Various contents are compatible.



Thin, slim bezel design and safety



Front side OSD key



Pen tray with built-in Hot Keys (Optional)



Pen Tray Hot Key

