



G5 Smart e-Blackboard Specifications

Size	86"	
Model	DC860NH	
Manufacturer	ODIN	
Picture		
Size/Structure	Dimensions	Width x Height x Depth
	Combined	4000mm x 1238mm x 96mm
	Middle Part	2000mm x 1238mm x 96mm
	Left Side	1000mm x 1200mm x 96mm
	Left Side (optional)	2000mm x 1200mm x 96mm
	Right Side	1000mm x 1200mm x 96mm
	Right Side (optional)	2000mm x 1200mm x 96mm
Mount	Wall mount or movable stand	
Assembly method	Middle part and two side plates	
Frame material	Aluminium-magnesium alloy	
Glass surface	The whole surface is 4mm Mohs 7 scale hardness heat tempered glass , anti-glare, anti-smash, anti-scratch, anti-reflection and water proof.	
	Suitable for writing with chalk, liquid chalk, glass board markers.	
	Suitable for cleaning with dry or wet sponge or cloth.	
Side plate material and specification	4mm Mohs 7 scale hardness heat tempered glass, anti-glare, anti-smash, anti- scratch, magnetic, suitable to attach magnets, frame aluminium-magnesium alloy; Visualizer slot with charging built in right side plate	
Screen characteristics	Brightness	500cd/m ²
	Resolution	3840*2160
	Display ratio	16:9
	Contrast ratio	4000:1
	Color temperature	10000K
	Viewing	178°/178° (Horizontal/Vertical)
	Display size/mm	1895*1066
	Response time	8ms
	Refresh Rate	60Hz@4K
	Life	≥50000h
	Bonding method	Full bonding. No gap between the LCD panel and glass
Mainboard input/output ports	HDMI2.0 in*1, HDMI2.1 in*1; HDMI2.1 out*1; DP in*1; Touch USB-B3.0*2; USB-A3.0*2, USB-A2.0*1(Android), USB-A*1(OTG), USB-C3.0*1; RJ45 in*1, RJ45 out*1; Audio: Mic in*1; Line out*1, SPDIF/COAX out*1; RS232*1.	
Front input/output ports	HDMI2.0 in*1; Touch USB-B3.0*1; USB-C*1(Multimedia, support 10W charging); USB-A3.0*3	

Front buttons		Power: Short press to Power ON display and turn OFF/ON display backlight; Long press to Power OFF display and put to standby
		Home: back to Android homepage
		Setting: to show OSD menu
		Lock Screen: to lock the screen
		Lock Touch: to lock the touch function
		Recording: to record what is operated on the screen
		Volume +: to increase volume
		Volume -: to decrease volume
Power		Input 100~240V/5A/60HZ/50HZ
		Power 260W (Typical) / 360W (MAX)
		Standby power 0.5w
Speaker		Power: 2*15W
Android		Android 11, 4G DDR4, 2400MHz, 32GB Flash, with whiteboard function. It supports to play files and open browsers.
Ethernet	Wired network	Single internet cable supports 1000M width, supports Android and Windows OS online at the same time, supports Android Ethernet up to 1000M width, supports internet online waking up with low power consumption.
	Wireless network	Support 2.4G, 5G dual frequency WiFi, Android and OPS can be online at the same time wirelessly, can realize WiFi Hotspot function. Supports IEEE 802.11a/b/g/n/ac. Supports Bluetooth connection.
Touch		Touch technology Capacitive touch, full bonding
		Touch points 20 points
		Touch response < 4ms
		Writing accuracy ≤ 2mm
		Touch accuracy < 1mm
		Glass depth 4mm photoelectric glass
		Writing Fingers, capacitive pen (2 pcs supplied), palm
OPS (optional)		CPU Intel i3/i5/i7
		Memory 4G/8G/16G DDR4
		Hard disk 128G/256G/512G SSD
		OS Windows 10 Pro
Camera & Array mic (Optional)		Highest effective pixel 4224 (H)X3192(V)
		(SNR) Signal to noise ratio 36db
		Supported resolution and frame rate 30fps UXGA Mjpeg, 15fps UXGAYUV
		Dynamic range 68db@8x gain
		Sensitivity 600mV/Lux-sec
		Minimum illumination 0.1lux
		Shutter type Electronic rolling shutter
		Support OTG protocol USB2.0 OTG
		Automatic exposure control Support
		Automatic white balance Support
		Lens HD glass lens/prime focus
		Audio input 8 array microphone
		Camera Angle 120°
		Pick up distance Effective sound pickup distance ≥12 meters
Pickup Angle Effective sound picking Angle ≥180°		

Visualizer (Optional)	Pixels	5 million
	Resolution	up to 2592 * 1944 pixels, autofocus
	Shooting format	≤A4
	Frame Rate	25fps@1080/720p
	Picture output	BMP, JPG, PNG, GIF, TIF
	Video output	FLV, MP4
	Light source	Natural light + LED fill (white)
	Buttons	Power ON/OFF, Photo, Light ON/OFF
	Connection	WiFi 2.4 GHz single frequency supports 802.11b/g/n protocols up to 30m
	Battery	6 hours operation (at maximum power)
Wireless microphone (Optional)	Frequency response 30Hz-18KHz, operating time 5h, charging time 2h 5V 800mA, maximum range 10m, transmitter with adjustable sensitivity, receiver with 3.5mm jack, USB charging cable.	
N.W	65KG (middle part) 26KG (two sides)	

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