ODIN	G6 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/㎡
	Resolution	3840*2160
	Display ratio	16:9
	Contrast ratio	5000:1
	Color temperature	10000K
	Viewing	178°/178°（Horizontal/Vertical)
	Display size/mm	1895*1066
	Response time	8ms
	Refresh Rate	60Hz@4K
	Life	≧100 000h
	Bonding method	Full bonding. No gap between the LCD panel and glass

Mainboard input/output ports	Touch output: USB-B 2.0*1, HDMI input: HDMI 2.1*1, HDMI OUT 2.1*1, audio input: mic*1, USB3.0*1; USB2.0*1(Android); USB*1(OTG); RJ45 input *1, line out*1, SPDIF/COAX OUT*1, RS232*1, TF Card*1
Front input/output ports	Type-C*1 (Multimedia, 65W charging), TOUCH output: USB-B*1, HDMI IN*1, USB 3.0*2

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)
	Standby power		0.5w
Speaker	Power: 2*15W		
Android	Android 13, 4GB (8GB optional) DDR4, 2400MHz, 32GB (128GB optional) Flash memory, 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 100M 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. Bluetooth 5.2.	
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
	OS		Android/Win 7/Win8/Win10/Win11
OPS (optional)	CPU		Intel i3/i5/i7
	Memory		4G/8G/16G DDR4
	Hard disk		128G/256G/512G SSD
	OS		Windows 11 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）	