

86-inch Interactive Smart Board

PLD-YJ86WM-MTXR

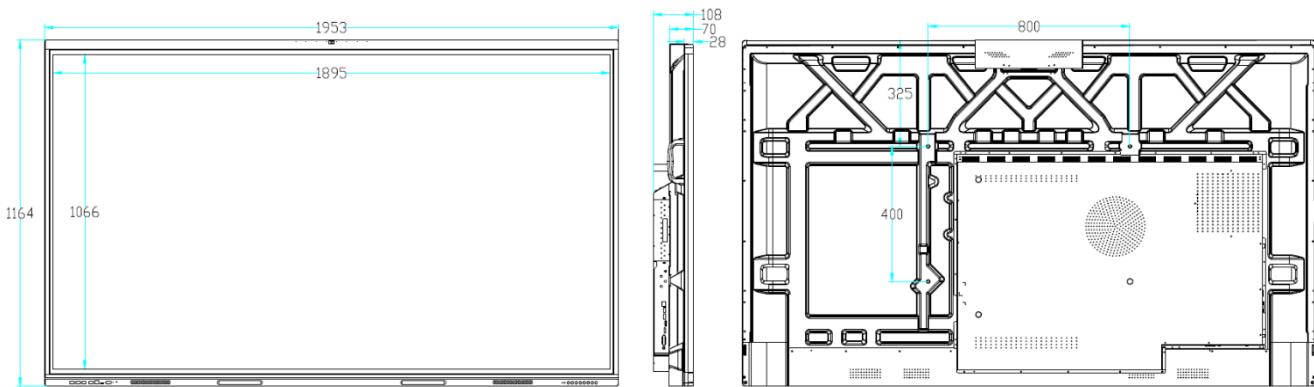
www.pollo.net.au

info@pollo.net.au

Key Features:

- 86-inch Interactive Flat Panel with 4K UHD resolution (3840x2160)
- DLED backlight, 350 cd/m² brightness, 5000:1 contrast ratio
- 178° wide viewing angle with anti-glare display
- Android 14.0 OS with Octa-core ARM Cortex-A55 processor
- 8GB DDR RAM and 128GB EMMC storage
- IR touch technology supporting 20-point multi-touch
- Ultra-fast touch response ≤8ms with ±1mm accuracy
- Supports finger, magnetic touch pen, and dual-pen writing
- 4mm tempered explosion-proof glass (anti-glare)
- 48MP integrated camera with 8-array microphone
- Dual 15W stereo speakers (15W × 2)
- Built-in Wi-Fi (2.4G/5G) and Bluetooth 5.0
- Multiple I/O ports: HDMI, USB 2.0/3.0, Type-C, RJ45, RS232, AV, SPDIF
- Front control buttons including eye-protection & screen recording
- Automatic driver-free recognition, plug-and-play
- Low power consumption ≤390W, standby ≤0.5W
- Designed for 24/7 operation with wide temperature tolerance
- VESA mount 800x400mm, wall mount & movable stand included
- Complete accessories: remote, magnetic touch pens, antenna, cables

Dimension:



Specifications:

Model	PLD-YJ86WM-MTXR
Size	86"
Display area(mm)	1895mm(H)×1066mm(V)
Max resolution	3840×2160 pixels
Refresh frequency	60Hz
Brightness	350cd/m ²
Contrast	5000:01:00
View angle	178°(H/V)
Display color	8bit 16.7M/1.07B (10bit)
Backlight	DLED
Color gamut ntsc	72%
Camera & Speaker	48MP camera+8 array pickup microphone
Life	50000 hour
Body material	Aluminum alloy frame, black
Front frame color	black [standard], customizable for silver black or other color
Tempered glass	anti glare 4mm tempered 7-grade explosion-proof glass optional
Front pen slot	Two magnetic slots for the front two writing pens
Touch method	IR touch
Touch embedding method	Built in integrated design
Writing method	Fingers, touch pens, or other non transparent objects ≥ 2mm (supporting full screen writing with dual thin pens)
Touch points	20 points
Touch resolution	32767*32767
Touch accuracy	±1mm
Single finger response speed	<8ms
Touch times	Theoretical no limitation
Drive program	Automatic system recognition, drive free
Working temp	-10~+50 °C
Communication method	USB 2.0/USB 3.0
Resolution	GK6760V100
CPU	Octa-core A55
GPU	MaliG52 MC2_600MHz
Main frequency	1.2GHz
RAM	8G DDR
Storage	128GB (EMMC)
Wi-Fi	2.4GHz/5GHz, Performance: 0~12m distance in open space
Bluetooth version	5.0 Performance: 12m transmission distance in open space
System version	Android 14.0

Input port	USB 2.0×2 HDMI×1 TOUCH USB×1 Type-C×1
TF Card	Support TF Card
Audio	Built in mic
Front holes	Auto light sensor×1 IR receiver indication×1
Eight buttons	Switch, volume+, volume -, eye protection, screen recording, home page, settings, touch switch (single button optional)
Input	RJ45 : ×1 TOUCH USB : ×1 USB3.0 : ×1 USB2.0 : ×1 RS232 : ×1 HDMI IN : ×1 AV IN : ×1 Earphone : ×1 SPDIF OUT : ×1
Screen power consumption	≤390W
Working voltage	100~240V AC, 50/60Hz
Standby power	≤0.5W
Channel stereo	2
Dual channel power	15W/8Ω×2 speakers
Working temperature	0~40°C
Working humidity	10%~90% RH
Storage temperature	-20~60°C
Storage humidity	10%~90% RH
Altitude	≤5000m
Screen size(mm)	1953×108×1151
Screen size(mm) with camera	1953×108×1164
Package size(mm) (carton)	2100×215×1300
VESA(mm)	400(V)×800(H)
Wall mount thickness (mm)	36mm
Net weight	60KG
Gross weight (with carton)	76KG
Gross weight (with wooden case)	110KG

Accessory box	x1
Power cable 1.8M	x1
QC pass card (neutral)	x1
Warranty card (Neutral)	x1
Remote controller	x1
Rod antenna	x2
Touch pen (magnetic)	x2
Moveable stand	x1
Wall mount bracket	x1