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LED Indoor Podium

Model P1.86 · 42" portrait LED podium display (digital lectern)



42-inch portrait LED screen · 480 × 960 mm · mobile floor-standing unit

KEY HIGHLIGHTS

- **P1.86 GOB LED**
- **42" portrait 480 × 960 mm**
- **3840 Hz refresh rate**
- **Android 12 · H618**
- **Remote publishing & upgrade**
- **Front maintenance**
- **Mobile, lockable casters**

MODULE SPECIFICATION

Pixel Pitch	**1.86 mm**
LED Package Structure	**GOB**
Lamp Type	**SMD1515**
Module Size (W×H)	**160 × 320 mm**
Module Resolution (W×H)	**86 × 172 px**
Module Weight	**218 g / pc**
Module Base	**Silicone soft base**
Scan Mode	**1/43**

DISPLAY PARAMETERS

Screen Diagonal	**42 inch**
Display Size (W×H)	**480 × 960 mm (1:2 portrait)**
Screen Resolution (W×H)	**249 × 516 px**
Module Arrangement	**3 × 3**
Pixel Density	**288,906 dots/m²**
Pixel Configuration	**1R1G1B (full colour)**
Brightness	**650 cd/m²**
Contrast Ratio	**6000 : 1**
Refresh Rate	**3840 Hz**
Frame Change Frequency	**60 Hz**
Grey Scale	**14 – 16 bit**
Colour Temperature	**6500 – 12000 K**
Signal Interface	**HUB75 (no cascade port)**

CABINET PARAMETERS

Overall Unit Size (W×D×H)	**760 × 440 × 1232.2 mm**
Maintenance	**Front maintenance (magnetic)**
Protection Rating	**IP5x (front)**
Cabinet Material	**Steel**
Installation	**Floor standing, with casters (no wall mount)**

MAINBOARD & INTERFACES (X98H PRO)

Chipset	**H618**
Operating System	**Android 12**
CPU	**Quad-core 64-bit Cortex-A53**
GPU	**Mali-G31 MP2**
NPU	**None**
RAM (DDR)	**2 GB (4 GB optional)**
Storage (eMMC)	**16 GB (32 / 64 GB optional)**
Wi-Fi	**2.4 G / 5 G (Wi-Fi 6 optional)**
Bluetooth	**5.0 +**
Remote Upgrade	**Yes**

INTERFACES & AUDIO

HDMI IN	**1**
USB 2.0	**2**
RJ45	**1**
Speakers	**2 × 5 W (total ≤10 W)**

Specifications subject to change for product improvement. Optional configurations (RAM / storage / Wi-Fi 6) and OEM requirements are confirmed per order. Document revision 2026-11-24 — supersedes the 2026-11-10 datasheet.

LED Indoor Podium

Model P1.86 · application, environment & order information

PRODUCT DESCRIPTION

The Riotouch LED Indoor Podium combines a 42-inch portrait P1.86 GOB LED display with an Android 12 smart system in one floor-standing presentation unit. Slides, branding and live content are shown directly on the podium front, so no separate projector or side screen is needed. Content publishing and system upgrade run over the network, and the LED modules are serviced from the front.

APPLICATION SCENARIOS

- **Conference rooms & corporate meeting rooms**
- **Auditoriums & lecture halls**
- **Training centres & education venues**
- **Hotel ballrooms & event stages**
- **Press conferences & product launches**
- **Houses of worship**

ORDER INFORMATION

Model	**P1.86 indoor LED podium**
Pixel Pitch Options	**P1.25 / P1.538 / P1.86 / P2 / P2.5**
OEM / ODM	**Available**
Warranty	**Per sales contract**

APPLICATION PARAMETERS

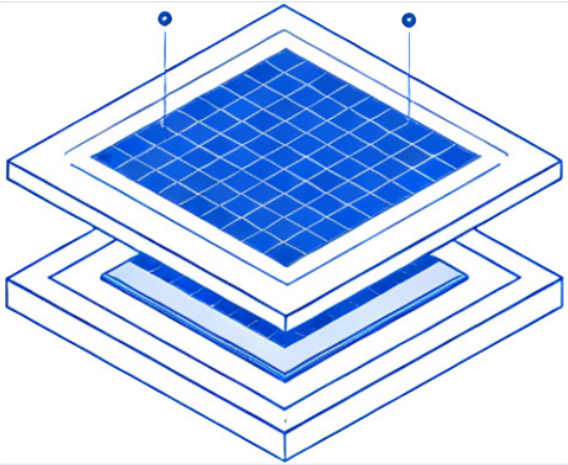
Typical Lifespan	**100,000 hours**
Remote Publishing	**Yes**
Power Consumption	**≤120 W**
Auto Power-on	**Yes**

ENVIRONMENTAL CONDITIONS

Operating Temperature	**-10 ~ 45 °C**
Storage Temperature	**-20 ~ 55 °C**
Operating Humidity	**10% ~ 85% (non-condensing)**
Storage Humidity	**15% ~ 80% (non-condensing)**

ACCESSORIES

Power Cord	**3 m × 1**
Wi-Fi Antenna	**× 1**



GOB coated LED module — protected surface, front maintenance

INSTALLATION & MAINTENANCE

The unit is floor standing with lockable casters, so one person can reposition it between rooms or events. LED modules are magnetically held and serviced from the front — no rear clearance is required, which allows the podium to stand close to a wall or stage backdrop. Power and network enter at the base.

NOTES

Values follow the factory specification sheet dated 2026-11-24. The unit is floor standing with casters; wall mounting is not supported. RAM, storage and Wi-Fi 6 are optional configurations confirmed per order.