COB 162-inch LED All-in-One Display Specifications

Model: YD–162A

Version: V1.0

Document Number	Prepared by	Reviewed by	Approved by	Effective Date

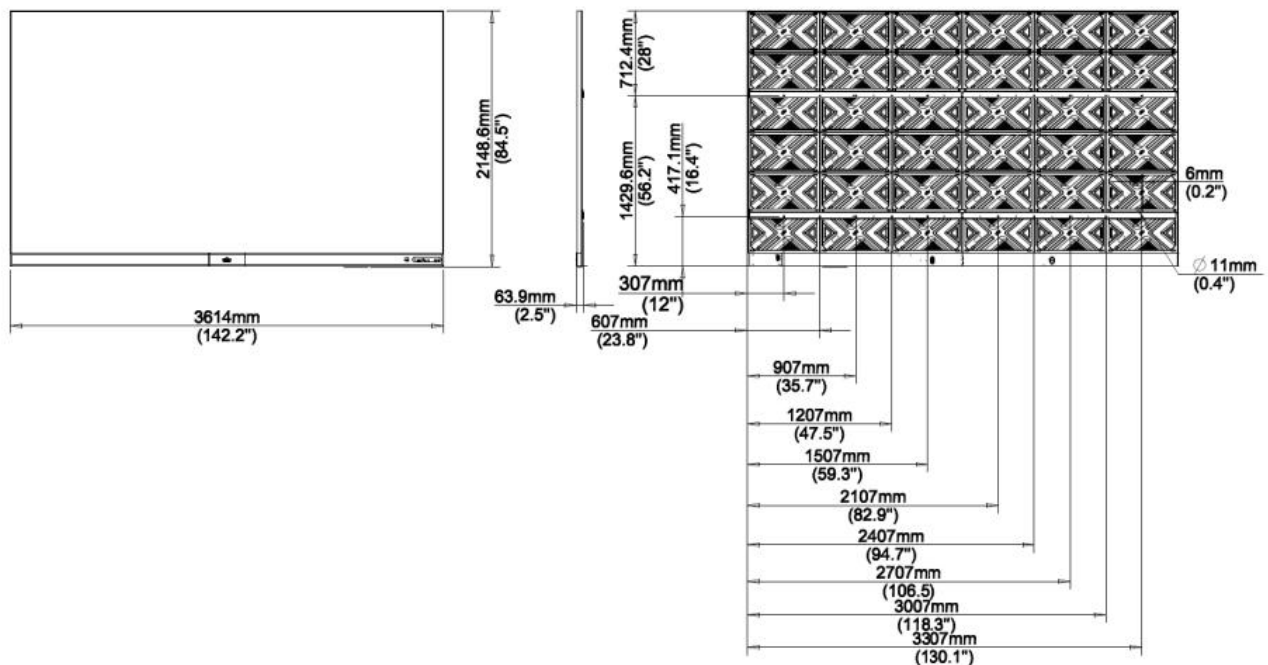| Version	Description	Date	Fiction
V1.0	First Released	November 4, 2024	Chen Qingjie

Features

- Adopting Flip Chip COB Technology, it eliminates the need for wire bonding, featuring stability and reliability, high luminous efficiency, and further energy–saving and environmental friendliness.

- High Refresh Rate Display with fast frame switching speed, eliminating ghosting and motion blur.

- High Brightness and High Contrast Ratio, delivering an excellent visual experience.

- Wi–Fi Module with Plug–and–Play Design, enabling more convenient maintenance.

- Concealed Wi–Fi Antenna for a sleeker appearance.

- Supports full–size and half–size OPS computers.

- Supports NFC screen casting function — one–touch operation with mobile phones for instant screen casting.

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- Front–lock connecting plates are used between cabinets for leveling, enabling easy installation.

- Both module boards and OPS computers support front maintenance, eliminating the need for reserved maintenance access

- Supports wall–mounted and floor–standing installation for flexible deployment.
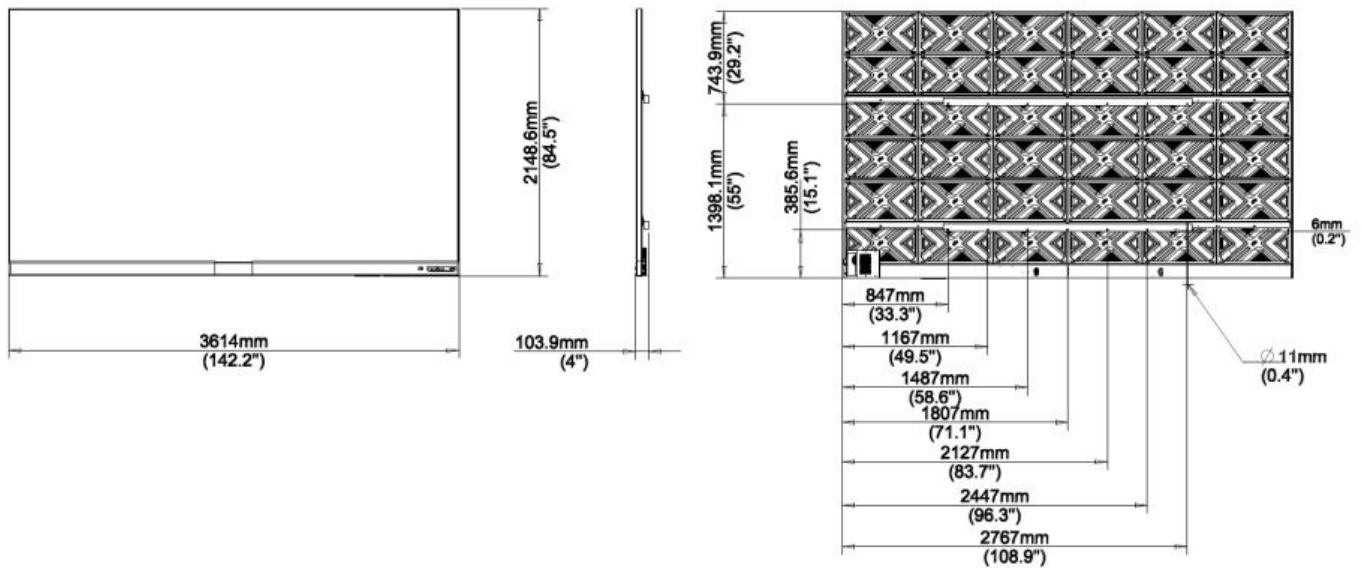
Product Specifications

Item		Parameter	Note
Panel Parameters	Product Model	YD-162A	
	Panel Size（inches）	162	
	LED Pixel Pitch	1.875	
	Resolution	1920*1080	
	Brightness（cd/m²）	600	
	Contrast Ratio	20000:1	
	Refresh Rate（Hz）	3840	
	Gray Scale Level	14bit	
	Viewable Area (W*H)（mm）	3600*2025	
	Viewing Angle（H/V）	160°/160°	
System Specifications	CPU	Quad-core Cortex-A76 and quad-core Cortex-A55(RK3588)	
	GPU	Mali-G610 MC4	
	OS	Android 13.0	
	RAM	8 GB	
	ROM	128 GB	
	Wifi	Dual WIFI Modules AP: 1*WIFI 5, supports 2.4GHz/5GHz Station: 1*WIFI 6，supports 2.4GHz/5GHz	
	Bluetooth	5.2	
	Speakers	15W*2	
Interfaces	Input Interfaces	1*HDMI (max. support 2048*1152@60Hz)	
	Output Interfaces	1*HDMI　1*LINE OUT　1*SPDIF	
	Other Interfaces	4*USB 2.0　1*RS 232	
	Network Interface	1 Port Gigabit Network, RJ45 Interface (Device Management Port), supports 10M/100M/1000M Base-T Auto-negotiation	
	OPS	1*90W	
Overall Machine Parameters	Power Supply Mode	AC 100-240V；50Hz/60Hz	
	Product Dimensions (W*H*D)（mm）	3614.0*2148.6*63.9（Without OPS Solution） 3614.0*2148.6*103.9（With OPS Solution）	
	Weight（Kg）	Net Weight: 190 (Est.)　Gross Weight: 210 (Est.)	
	Maximum Power Consumption（W）	2360	

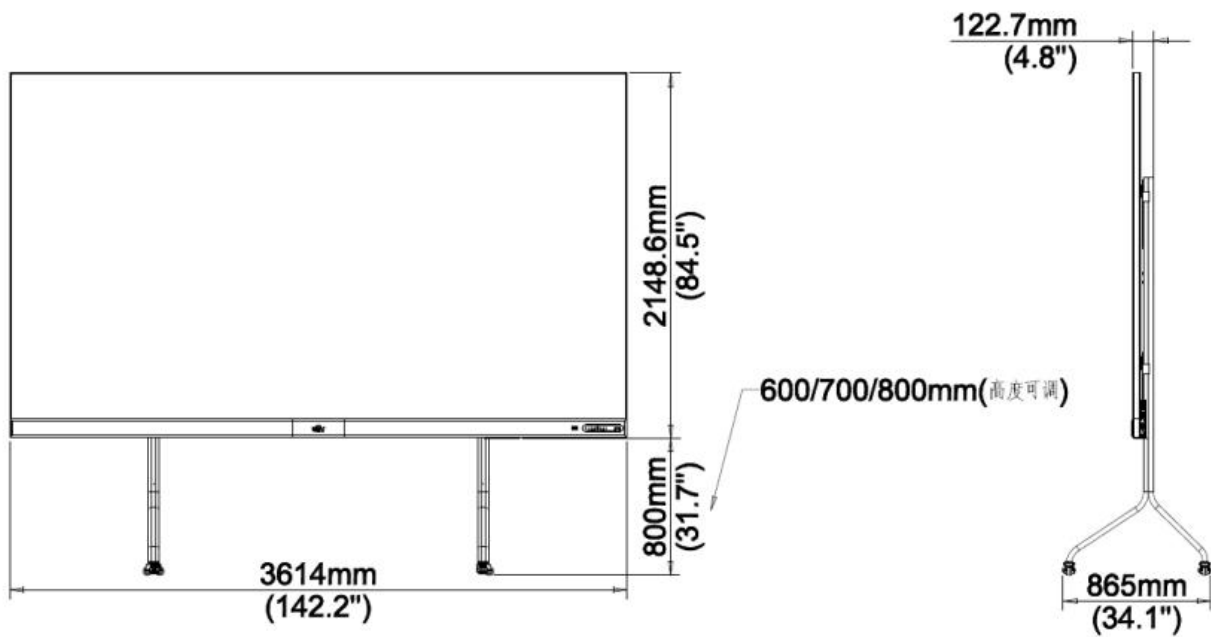|			
	Average Power Consumption（W）	800	
	Standby Power Consumption（W）	0.6	
	Operating Temperature	−10℃ ～ 40℃	
	Operating Humidity	−20℃ ～ 60℃	
	Storage Temperature	10% RH～ 80%RH（No Condensation）	
	Storage Humidity	10% RH～ 85%RH（No Condensation）	
	Standard Configuration	2*Power Cable　1*Remote Control　1*Quick Start Guide　1*Wireless Screen Projector　1*Vacuum Suction Cup　1*Level　1*Wall Mount Bracket	

Installation Dimension Drawing

Wall Mount Installation – Dimension Drawing (Without OPS)

Wall Mount Installation – Dimension Drawing (With OPS)

Floor Standing Installation – Dimension Drawing