



Unilumin LED Conference All-in-One Machine T1

Product Specifications



Make smart meetings at your fingertips

CATALOG

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1. Scope of Application

This specification is applicable to T1 products of Unilumin LED Conference All-in-One Machine.

2. Product View

1. Front view



2. Back view



3.Product Introduction

- ◆ Android operating system, equipped with high-performance chips, Cortex A73*2+A53*2, Kernel version 3.10.40;
 - ◆ MaliG51 *4 image processor, hd input resolution up to 3840*2160@60 (up to 3840*2160@60Hz);
 - ◆ Standard 4G/32G running storage, fast response, smooth running and stable operation;
 - ◆ The machine is made of die-cast aluminum to ensure the flatness of physical splicing; The segmented aluminum rear cover and frame are designed with thin machine and ultra-narrow frame, and the whole is simple;
- It uses convenient wall hanging and movable hanging with adjustable bracket height, easy installation and full front maintenance;
- ◆ The user can start the machine with one key without debugging and training;
 - ◆ It supports multi-device access and flexible collocation to realize various local and remote

voice and video conference scenarios for users;

- ◆ Wireless screen projection, free share. It supports one-button wireless screen projection of mobile phones, tablets and laptops, and realizes simultaneous transmission of up to 4 pictures, allowing users to get rid of the traditional repeated plugging and wiring work and communicate more freely;

In terms of HD display with 16:9 width to height ratio, advanced print and high gray level with exquisite picture, users are no longer disturbed by the light in the meeting room ;

- ◆ Self-developed conference software and theme-based welcome desktop settings make user conferences more atmospheric and classy;
- ◆ It has passed international CE/CB/FCC and domestic CCC and CQC energy-saving certification testing;
- ◆ It is applicable to various conference application scenarios, business office, enterprise training, marketing display, remote collaboration, etc..

4. Product Specifications

Specifications and Models		T1-108	T1-135	T1-162
Basic Parameters	Display Size (inch)	108	135	162
	Dot Spacing (mm)	1.25	1.5625	1.875
	Visible Area (m ²)	3.24	5.06	7.29
	Overall Dimensions (WxHxD mm)	2412x1418.1	3012x1755.5	3612x2093
	Screen Resolution	1920x1080	1920x1080	1920x1080

	(W×H)			
	Pixel Density (dot/m ²)	640000	409802	284444
	Box Flatness (mm)	≤ 0.15	≤ 0.15	≤ 0.15
	Maintenance Method	Full front maintenance	Full front maintenance	Full front maintenance
	IP Protection Level	IP50	IP50	IP50
	Total weight (kg)	88	138	192
	Box Material	Die-Cast Aluminum	Die-Cast Aluminum	Die-Cast Aluminum
	Border Material/Color	Profile/Black	Profile/Black	Profile/Black
	Others	Support the color selection of border decorative strips(Silver/Blue/Gray)		
Optics Parameters	Encapsulated Type	SMD1010	SMD1212/SMD1010	SMD1515
	Single-point Luma Correction	Support	Support	Support
	Single-point Color Correction	Support	Support	Support
	Brightness of White Balance (cd/m ²)	400 (adjustable)	400 (adjustable)	400 (adjustable)
	Gray Scale (bit)	14	14	14
	Screen Contrast	5000:1	5000:1	5000:1
	Color Temperature (K)	6500~9300	6500~9300	6500~9300
	Horizontal/verti cal Viewing Angle (degrees)	170/170	170/170	170/170
	Luminous Point Center Distance Difference	≤ 2%	≤ 2%	≤ 2%
	Uniformity of Luminance	≥ 98%	≥ 98%	≥ 98%
	Uniformity of Chromaticity	Within ±0.003Cx,Cy	Within ±0.003Cx,Cy	Within ±0.003Cx,Cy
	Life of Tamps (Hrs)	100000	100000	100000

	Repetition Frequency (Hz)	50/60	50/60	50/60
	Refresh Rate (Hz)	3840	3840	3840
Mainboard Parameters	Operating System	Standard Android 8.0		
	CPU	V811, processing bits 64 bits		
	GPU	MaliG51 *4		
	Running Architecture	Cortex A73*2+A53*2		
	Memory/Storage	Standard 4G/32G		
	Interface	HDMI inx3/ USB3.0x1/ USB2.0x2 /SPDIF out x1/ Debug x1 /RS232 x1/Ethernet x1/earphone x1		
	Ethernet	Adaptive 100M/1000M Ethernet		
	WiFi	Built-in dual WIFI, 2.4 GHz/5GHz		
	Hotspot	Dual-band antenna		
	Bluetooth	unsupported		
	Remote Control Operation	Support		
Timing On/Off	Support			
Sound Parameters	Sound Brand	Yamaha		
	Rated Power (W)	30		
	Standby Power (W)	0.2 (HDMI control off, network standby off), 0.6 (HDMI control on, network standby off)		
	Interface	HDMIx1 Input/HDMIx1 Output/Digital Fiber/ARC Backhaul/Subwoofer Output		
	Surround	Supports DTS decoding, Dolby stereo panoramic surround		
	Voice Quality Enhancement	Support (Bluetooth Transmission)		
	Control	Support Sound Bar Controller software control/remote control/panel key operation		
	Weight	3.4KG		
	Overall Dimensions (L*W*H mm)	890*131*53		

Operation Parameters	Operating Voltage	AC 100 V ~ 240 V, 50/60Hz		
	Peak Power Consumption (W)	1600	1500	1800
	Average Power Consumption (W)	480	450	540
	Installation Method	Wall Hanging, Mobile Bracket		
	Packaging Material	Wooden Box + Carton + Foam		
	Certification Type	Domestic CCC and CQC energy saving testing, international FCC/FCC/ETL(under planning)		
	Warranty Period	1 years		

5. Product Accessories

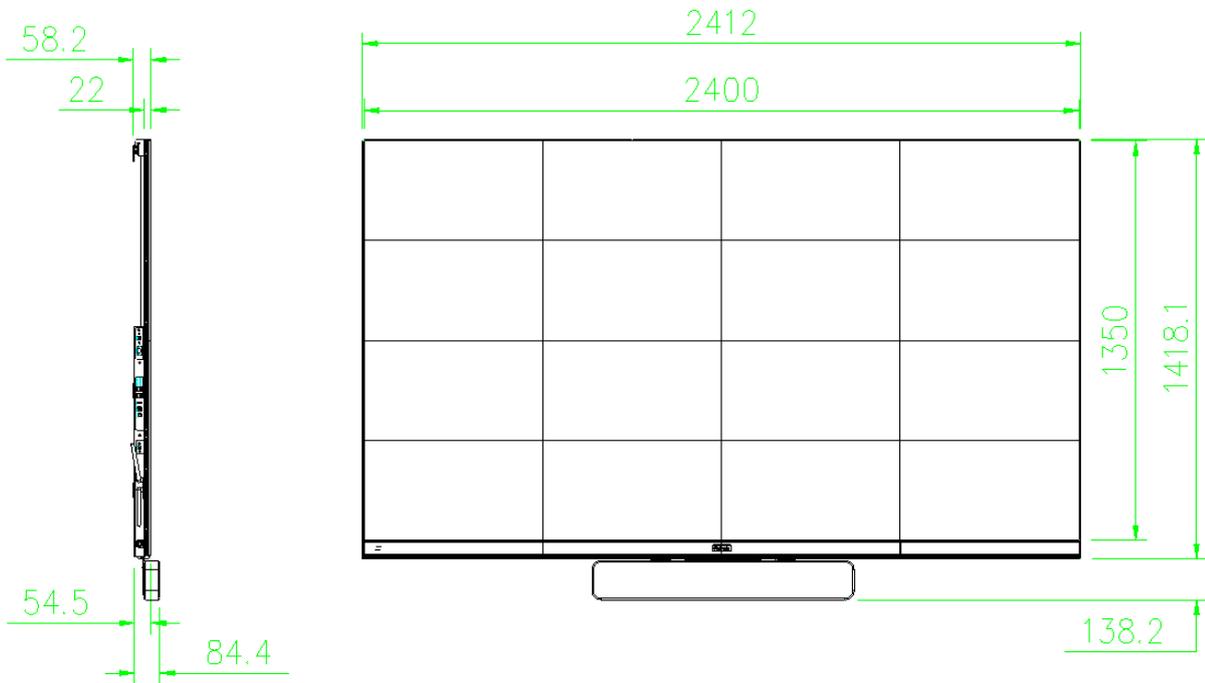
Power Line for the whole machine	X1 standard
Front Maintenance Tools (piece)	X1 standard
Remote Control (piece)	Mainboard Remote Control X1 standard, Sound Remote Control X1 standard
Wall Hanging (set)	X1 standard
Mobile Bracket	X1 optional
Sound (set)	X1 optional

6. Environmental Conditions

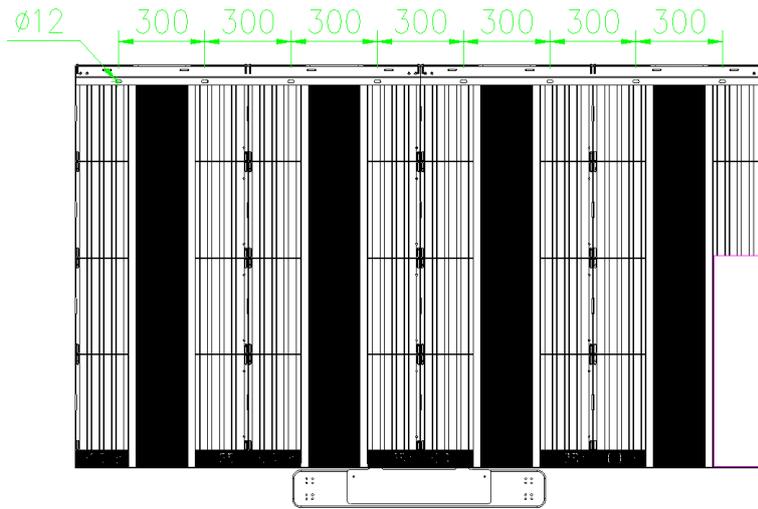
1. Operating temperature: -10 ~ + 40 °C, storage temperature: -20°C ~ +60°C;
2. Operating humidity: 10% ~ 80% non-condensation, storage temperature: 10% ~ 85% non-condensation
3. Operating altitude: ≤5000m

7. Product Appearance

1. T1-108

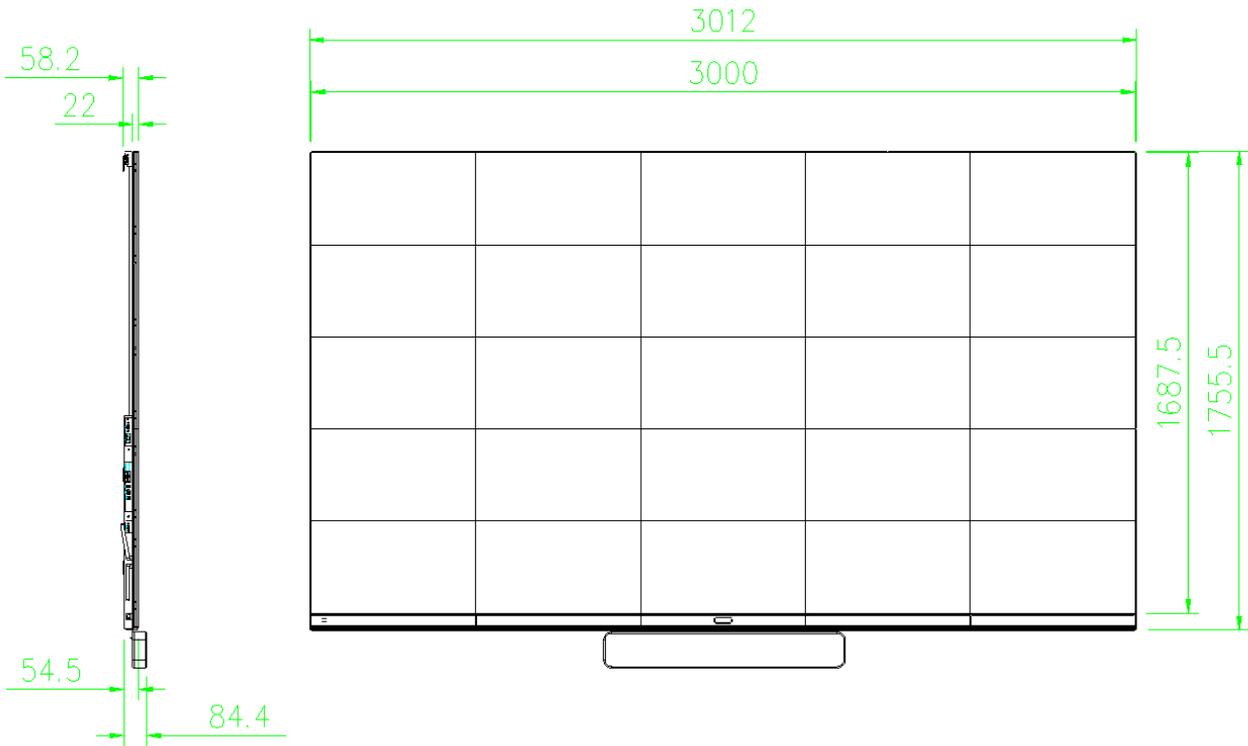


Front view

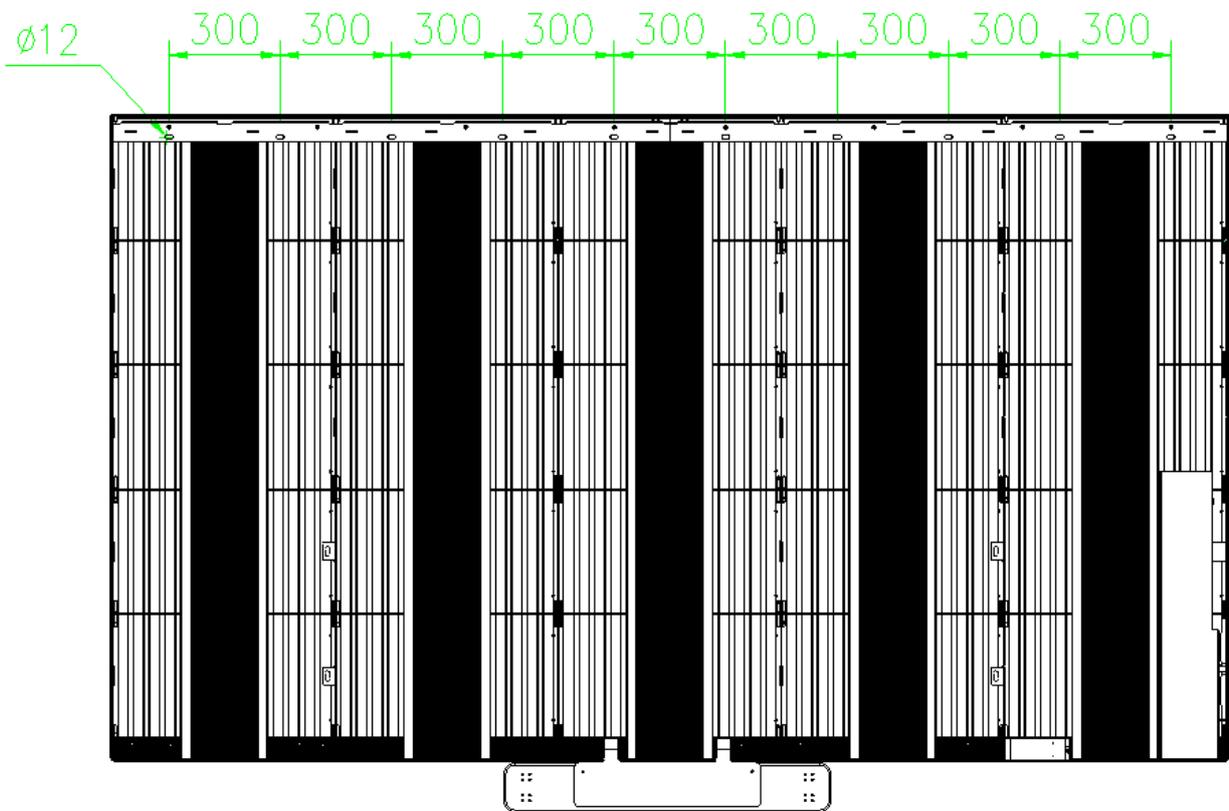


Back view

2. T1-135

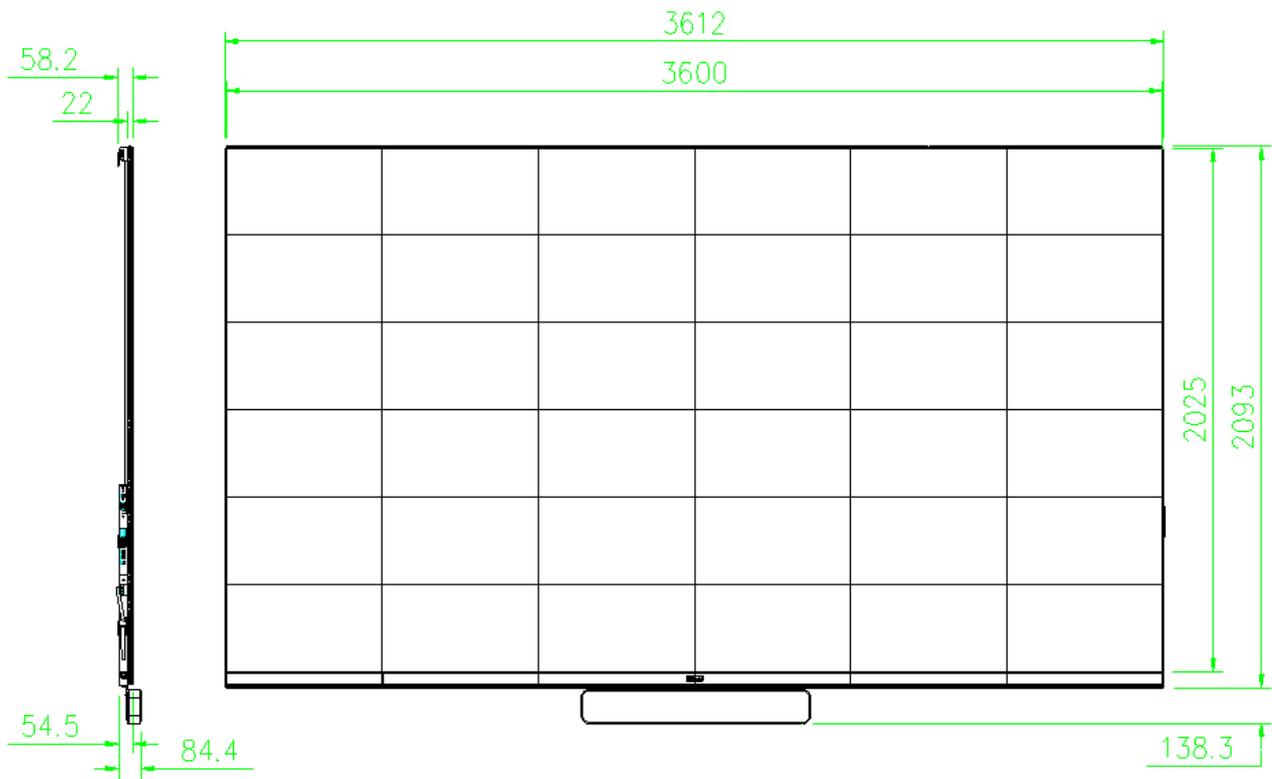


Front view

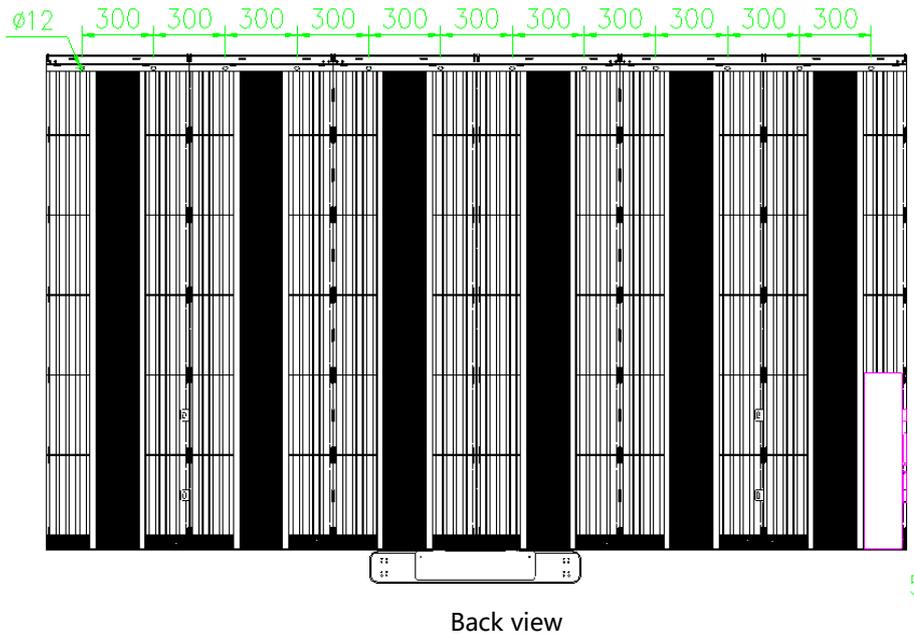


Back view

3. T1-162



Front view



8. Notes

1. Before using this machine, all instructions must be read and understood.
2. The warning instructions on the instruction manual of this machine must be strictly observed.
3. All instructions must be followed during operation.
4. Do not use devices that are not recommended by the manufacturer. Improper use of settings may lead to unexpected failures.
5. Before connecting the AC power line to the power outlet, please check whether the voltage source requirements of the equipment are suitable for the local power supply conditions. If you are not sure about the type of electricity used, please contact the dealership or the local power department;
6. Do not use anything to press or wrap the power line. Damaged power line can cause electric

shock or fire;

7. Please do not try to repair this machine by yourself. As there are high-voltage devices and other easily damaged devices in this machine, it will cause various hazards to human body or monitor itself. Please be sure to let professional repairers repair it.
8. Do not touch control components not mentioned in the instruction manual. Improper adjustment of control components not mentioned in the instructions will damage the machine and increase the maintenance workload of professional and technical personnel.
9. When this machine needs to replace parts, please confirm to the maintenance personnel to use parts specified by the manufacturer or with the same performance as the original. Improper use of accessories will lead to fire, electric shock, monitor damage and other risks;
10. If the machine is hung on the wall or ceiling, please install it according to the method recommended by the manufacturer.
11. When not using this machine for a long time, please unplug the AC power plug.
12. The time interval for each switch shall not be less than 2 seconds.
13. The effective distance of the infrared switch of the remote control is 10m, and there is no obstacle blocking the signal in the middle space. The infrared signal of the remote control should be aligned with the infrared receiving window at the lower left corner.

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