



Dragon Series

Product Specifications

Product Name: 55-inch professional HD monitor

Product Model: **AE-LED50**

Specifications : **AE-LED50-HY**

Customer acknowledges	Approve	Audit	Prepared By

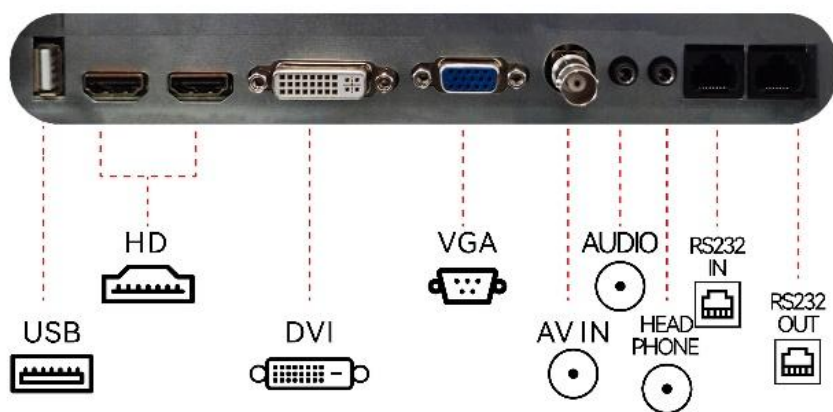
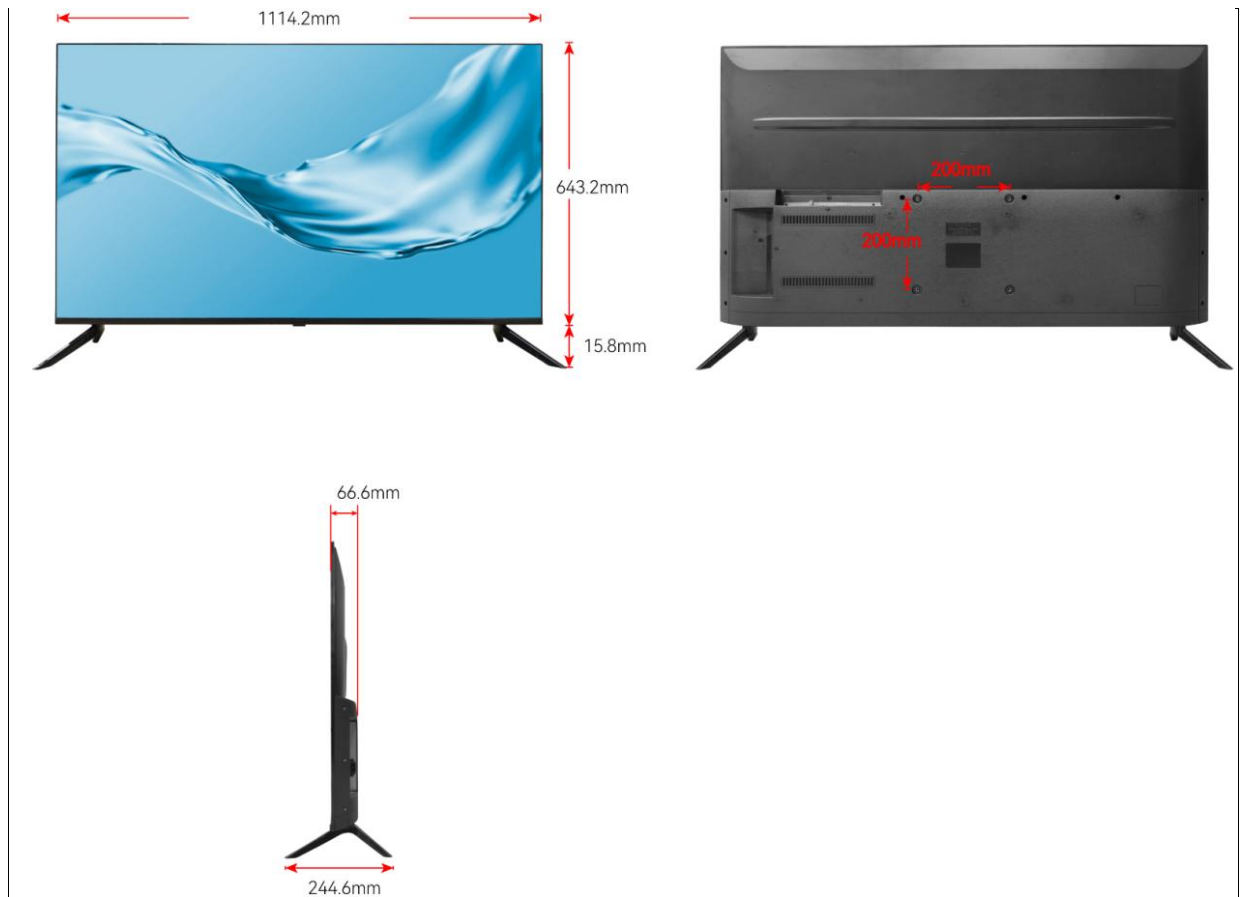
1. Features

- **Borderless Viewing:** Featuring a cutting-edge bezel-less full-screen design with an ultra-high screen-to-body ratio, delivering an immersive, boundary-free visual experience.
- **Grade A Display:** Crafted with premium Grade A panels sourced from the world's top three OC manufacturers, creating a monitor masterpiece that presents true-to-life imagery.
- **4K Ultra HD Display:** Outputs surveillance footage at 3840×2160 ultra-high resolution, compatible with mainstream recording equipment on the market.
- **Dynamic Noise Reduction:** Professional-grade 3D dynamic noise reduction technology effectively minimizes grain, dynamically compensates for image artifacts, and enhances depth perception, making every frame vividly lifelike.
- **Energy-Efficient Backlight:** Utilizes advanced LED backlight technology to conserve power while ensuring true color reproduction and uniform brightness, elevating overall image performance.
- **Refined Image Quality:** Equipped with a native 10-bit image processing chip, enabling high-pixel progressive scanning for a detailed and lifelike visual experience.
- **Ultra-Fast Response:** Achieves a 6.5ms ultra-fast response time, effectively eliminating motion blur and lag in fast-moving scenes for a smooth viewing experience.
- **Stable Operation:** Equipped with an original high-precision regulated power supply designed for industrial-grade devices, ensuring reliable 24/7 operation year-round.
- **Built-in Speakers:** Features a dual-speaker system for immersive audio playback without external speakers.
- **Convenient Playback:** USB port supports direct plug-and-play of videos/audio/images/documents from flash drives, functioning as an advertising display to meet diverse commercial presentation needs.
- **Smart Remote Control:** Includes an intelligent remote with ergonomic button layout for effortless remote operation.
- **Versatile Connectivity:** Offers multiple ports including HDMI*2, VGA*1, USB*1, DVI*1, AV IN*1, AUDIO IN*1, EARPHONE OUT*1, RS232 IN*1, and RS232 OUT*1 to connect diverse devices.

2. Product Parameters

Panel Properties	
LCD Size	50 inches
O/C	TFT LCD Glass
Light Source	LED backlight
Resolution	3840*2160
Screen Ratio	16 : 9
Brightness	350cd/ m ²
Contrast	5000 : 1
Refresh Rate	60HZ
Reaction Time	6.5ms(Gray To Gray)
Display Color	1.07B
Viewing Angle	H 178°/V 178°
Power Properties	
Voltage	AC 110V/220V 50Hz/60Hz
Power Consumption	69 W(Standby power consumption ≤0.5W)
Functional Properties	
Operation Method	Remote control/panel buttons (only supports power on/off)
Working/Storage Environment	
Operating Temperature/Humidity	-10~40°C (±5°C) /20%~80% (no condensation)
Storage Temperature/Humidity	-10~40°C (±10°C) /5%~95% (no condensation)
Interface	
Input Interface	HDMI/VGA/USB/DVI/AV IN/RS232 IN /BNC
Language	
OSD	8 languages including Simplified Chinese, English, etc.
Structure	
Exterior Color	Black
Product Architecture	Metal backlight mixed with flame retardant virgin plastic
Wall Mount Size	200*200 (mm)
Total Weight	Net Weight 10.5kg/Gross Weight 17.4KG
Overall Size	1114.2*643.2*66.6mm(backpack) excluding foot height (foot height 15.8mm)
Packing Size/Single Unit	(L B H)1310*740*165 (mm)
Installation	Base/Wall Mounted
Other	
Appendix	Stand, Power Supply, Manual, HDMI Cable, Screws

3. Product Image



4. Precautions



- Be careful when transporting and handling;
- Do not use in corrosive, flammable or explosive places;
- To avoid electric shock, please cut off the power supply during installation, commissioning and moving;
- Do not install it near a heat source to avoid overheating and damaging the product.
- Make sure all connectors are connected correctly and reliably;
- The product cover must not be opened without permission.