



165" Interactive all-in-one LED Display

TV-W165-YGT



Description

With highly integration and in-depth development, it has its own operating system, extremely fast 10-point touch screen and built-in applications; it has the characteristics of seamless splicing, perfect display, long service lifespan, fast frame changing speed, high refresh rate, good uniformity, wide viewing angle, high grayscale, natural color reproduction, etc. It is widely used in lecture theatre, academic lecture halls, conference rooms in colleges and universities, and various display occasions.

Feature

- * Seamless splicing, and no visual black seam on the screen.
- * The display module is flexible and compact, and supports smooth splicing.
- * DC low-voltage power supply, natural heat dissipation, no fan, and zero noise.
- * When a failure occurs, it only needs to maintain a single LED pixel or a single module, realizing low maintenance cost and fast maintenance speed.
- * Support picture correction, adopt gamma correction technology, achieve point-by-point brightness and color correction.
- * With ultra-wide viewing angle, the screen has a larger viewing range, and the picture is still clear when viewed from any angle.
- * Support ultra-high refresh speed, good screen continuity and high screen fluency.
- * With infrared touch function, it can be touched by fingers or soft-tip stylus, and supports touch of up to 10 points.
- * Adopt Android system, support operating WPS office software, clock, welcome interface, calendar and other downloaded applications.
- * Support one-key power on/off, low power consumption, and sleep function, with 2S startup after sleep wake-up.
- * Support dual WIFI function, support Wifi, Ap hotspot access and third-party equipment connection simultaneously, support different frequency band networks, multi-screen interaction and no interference with main screen networking.
- * Support 4 scene modes: standard, soft, cinema, and video. Support custom parameters such as brightness, saturation, and contrast.
- * Support Windows, Mac OS, iOS, Android multi-platform terminal 4-screen wireless projection. Windows system requires a wireless projection device.
- * Support wireless counter control function of Android tablet/mobile phone, the counter-control device and the display screen are displayed synchronously and interactively, providing more vivid and simple writing interaction of reports, presentation, discussions and other scenes.
- * Adopt nano magic color screen to improve the display effect and provide stronger protection.
- * Three optional installation methods: wall mounted, floor stand and hoisting.



Indoor Full Color LED Video Wall

TV-W165-YGT

Specification

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|--------------------------------------|---------------------------------------------------------|
| Display size | 165 inches |
| Display resolution | 1920×1080 |
| Display size | Width 3660mm*height 2058mm |
| Screen size with frame | Width 3696mm*height 2094mm |
| LED encapsulation | SMD1515 black light (nano magic color screen) |
| Pixel pitch | 1.906mm |
| Resolution | 275295 pixels/m ² |
| Lamp bead/IC | NATIONSTAR copper wire/high fresh rate |
| Pixel configuration | 1R1G1B |
| Module resolution | 80*180 |
| Module size (mm) | 152.5*343 |
| Cabinet resolution | 320*180 |
| Cabinet size (mm) | 610*343 |
| Cabinet weight | ≤5.5Kg/pc |
| Working voltage | DC+4.2V |
| Best viewing distance | ≥5.7m |
| Horizontal viewing angle | ≥175° |
| Vertical viewing angle | ≥175° |
| Maintenance method | Front maintenance |
| Drive device | Constant current drive |
| Refresh rate | ≥3840Hz |
| Frame rate | ≥60Hz |
| Scanning method | 45S |
| Brightness | 0-800CD/m ² |
| Grayscale | 12/14/16bit |
| Contrast | ≥10000:1 |
| Attenuation rate (after 3-year work) | ≤15% |
| Brightness adjustment method | 0-100% |
| MTBF | ≥20000H |
| Lifespan | ≥100000H |
| Failed rate | ≤1/100000 and no continuous failed pixels |
| Storage temperature | -35°C~+85°C |
| Working temperature | -20°C~+60°C |
| Working voltage (AC) | AC90-270V 50Hz/60Hz |
| Average power consumption | ≤1167W |
| Maximum power consumption | ≤3500W |
| Cabinet material | Die-cast aluminum cabinet |
| Weight | 226Kg (without mounting bracket) |
| Brightness uniformity | ≥99% |
| Protection class | IP5X/IP65 (Only the front of the module can be reached) |

Device interface

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|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Video interface | HDMI×1 (video input), HDMI×1 (LOOP output) |
| Audio port | Audio output interface × 1, SPDIF optical digital audio interface × 1 |
| Functional interface | USB 3.0×1, USB 2.0×1, RJ45 (gigabit Ethernet port), Type-C (private protocol), 4P aviation plug (private protocol, control switch screen) |
| Wireless interface | WIFI, Bluetooth, infrared |
| Central control serial port | RS232 interface x1 (RJ45 type, baud rate 115200bps) |

Processor and storage device

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|----------------|---------------------------------|
| System | Android 11 |
| CPU | 1.8G 64-bit quad-core processor |
| GPU | MaLi G52 |
| Storage memory | 32G |
| Running memory | 4G |