



### 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

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/m²
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/m²
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

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

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