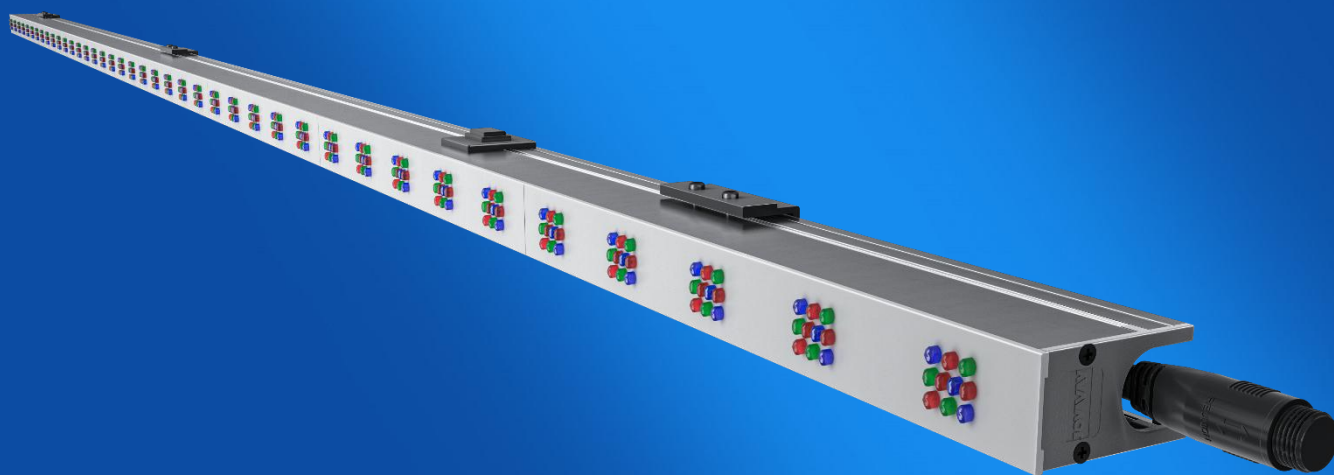
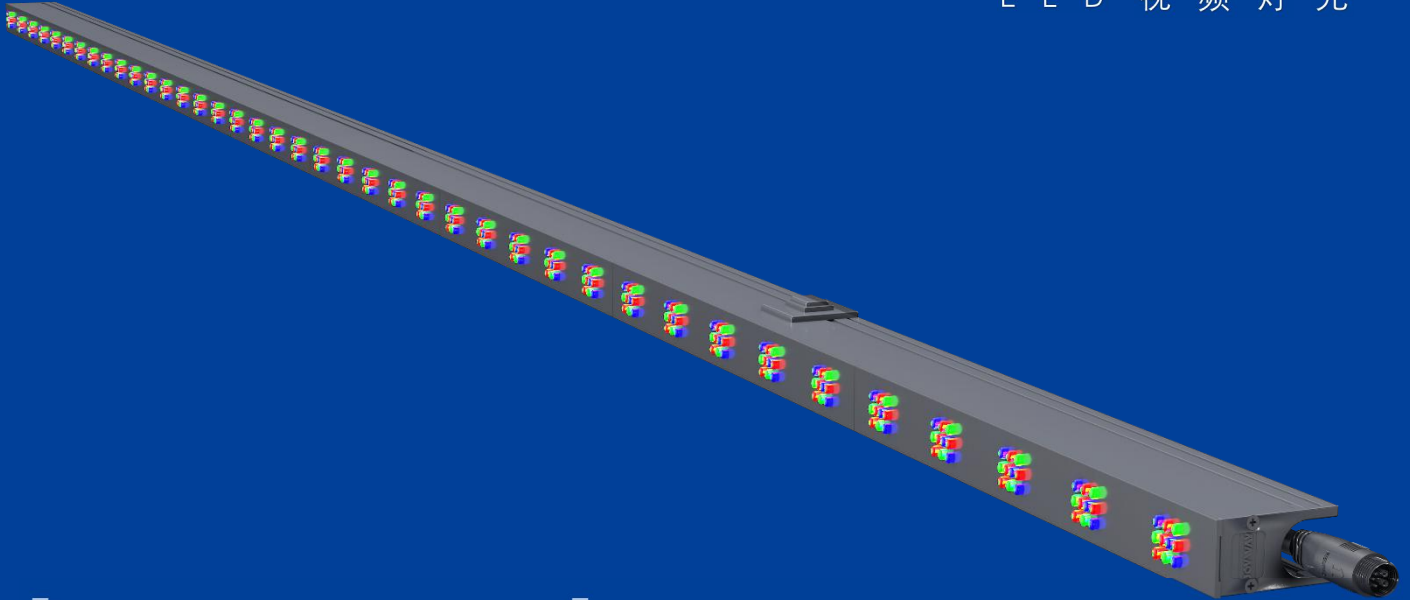


VT SERIES

PRODUCT MANUAL





VIDEO TUBE | VT SERIES | VT-25 |

2021-V1.0

HIGH FRAME RATE

Frame rate 60Hz, fully meet all kinds of video play requirements, the picture is smooth, no stuck.

HIGH GRAY SCALE

RGB 65536($3 \times 16\text{bit}$)

HIGH COLOR RENDITION

Adopt constant current drive, built-in PWM, RGB color matching strictly in accordance with white balance requirements. Color temperature can be adjusted by software.

LOW BRIGHTNESS HIGH GRAY SCALE

The brightness reduction does not affect the display gray scale, reducing light pollution and energy consumption.

ULTRA-LONG TRANSMISSION

Built-in mini receiving card, the signal of each strip can be independently controlled, one signal can carry up to 3840 pixels.

CIRCUITBACK UP

Circuit backup can be added to each channel signal, and backup signal can be switched automatically when the signal is broken.

AC POWER SUPPLY

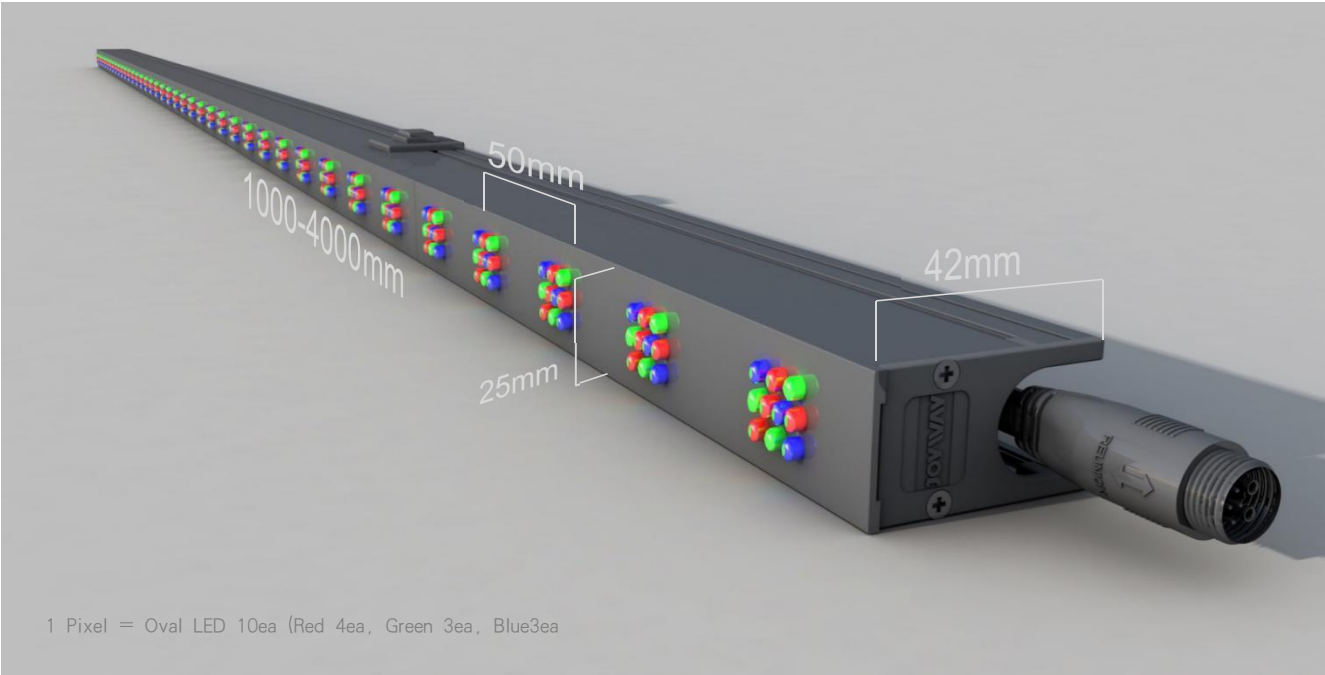
Built-in high efficiency AC-DC power supply, AC110-220 direct supply, improve power supply efficiency, ultra-long power transmission.

PRODUCT SPECIFICATIONS

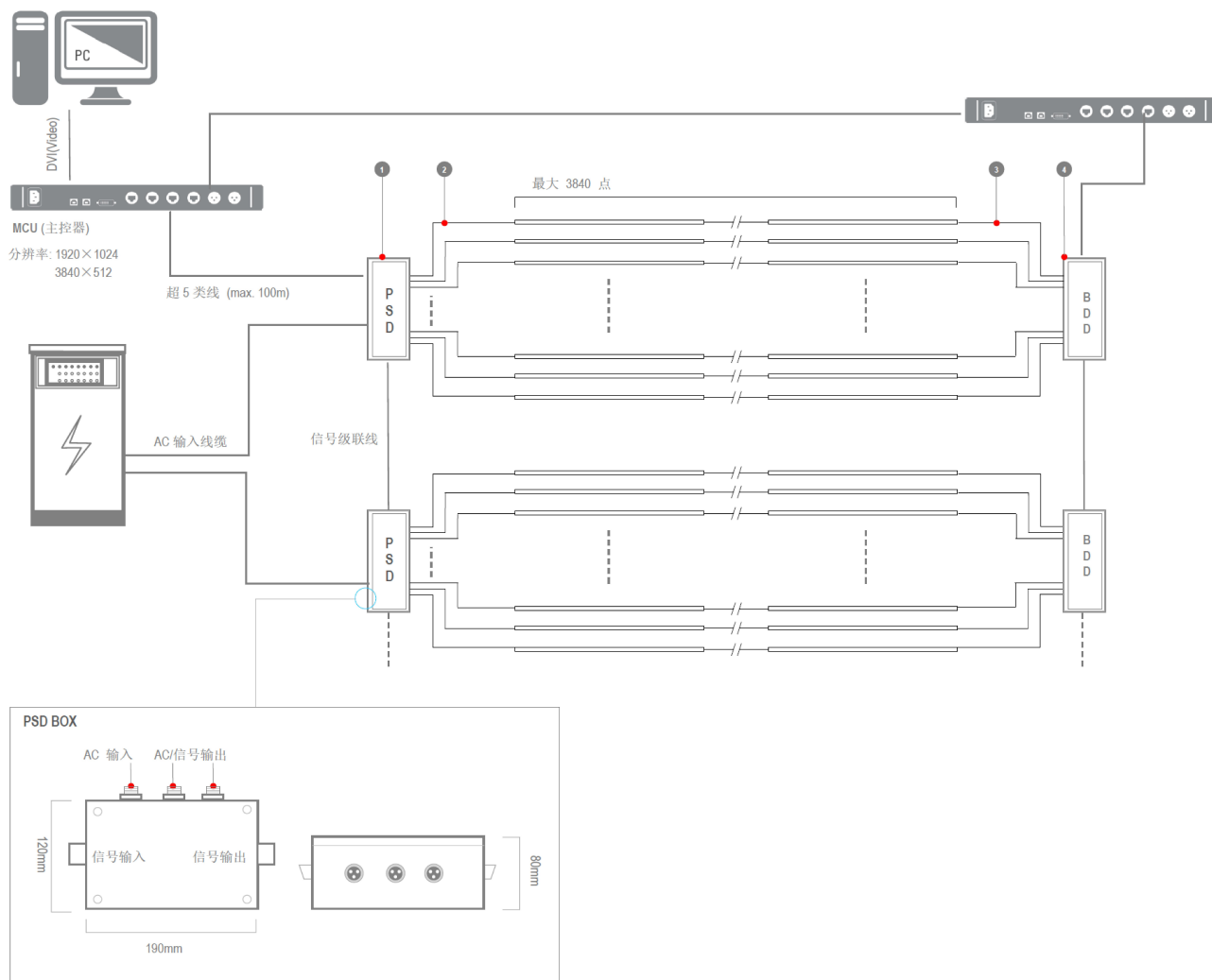
PRODUCT MODEL	VT-2550C
INUT DATA	SDI Data
MATERIAL	AluminumBody & PC Mask(can customize the color)
LED LAMP	DIP(4R3G3B), (R≥2000mcd, G≥4000mcd, B≥900mcd,)
DIMENSIONSOF STRIP	L: 100mm-4000mm; W: 25mm; D: 42mm
STRIP PERMUTATION	Horizontal Vertical
PIXEL PITCH	Internal of strip: 50mm
BRIGHTNESS	20 (cd/dot)
VIEWING ANGLE	(H)100° × (V)45°
DRIVE MODE	Constant Current, PWM
INPUT VOLTAGE	AC 220V, 10A
MAXIMUM CONNECTION	Signal: 3840 dot (60Hz) ,circuitbackup
POWER CONSUMPTION	Max. 15-18 w/m
WEIGHT	IP67
PROTECTION	1.15 kg/m
GRAY SCALE	RGB32768 (3 × 15bit)
REFRESH RATE	3840 Hz
FRAME RATE	≥60 Hz
ENVIROMENTAL	Temperature: -30°C to +60°C ; Humidity: 10%-90%
CONTROL SYSTEM	JV-M JV-C

Parameters will change according to the specific project

PRODUCT APPEARANCE



SYSTEM BLOCK DIAGRAM (VF-A3)



1 PSD

Model Name VF-A3-02AC / VF-A3-08AC Component SCB,
DTU Input Voltage 100-240VAC Output Data 2 -8 Port SPI
Data, Max. 3840 dots
Output Power 2 -8 Port, AC 100-240V
Protection IP65

2 AC /DATA OUTPUT CABLE

Cable Type Twisted pair line + RVV-3*1.5(15AWG)
Length ≤50m

3 BACKUP DATA INPUT CABLE

Cable Type 2 core twisted pair
Length ≤50m

4 BDD BOX

Model Name VF-A-BDD02 / VF-A-BDD08
Component SCB, DTU
Output Data 2 -8port SPI Data Protection IP65

The system configuration mode can be adjusted appropriately according to the specific project requirements.

PROJECT CASE



Shanghai International Media Port

Size: 56000 m² Time: 2019.11 Location: Shanghai, China



Hainan Haihua Island

Size: 18500 m² Time: 2021.01 Location: Hainan, China



SHENZHEN UNILUMIN JOYWAY TECH CO., LTD