

VIDEO TUBE

VT Series | VT-25 |

2019-V2.0

HIGH FRAME RATE

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

HIGH GRAY SCALE

RGB32768 (3×15bit)

HIGH COLOR RENDITION

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

REDUCING LIGHT POLLUTION

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

ULTRA-LONG

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

CIRCUIT BACKUP

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

AC POWER SUPPLY

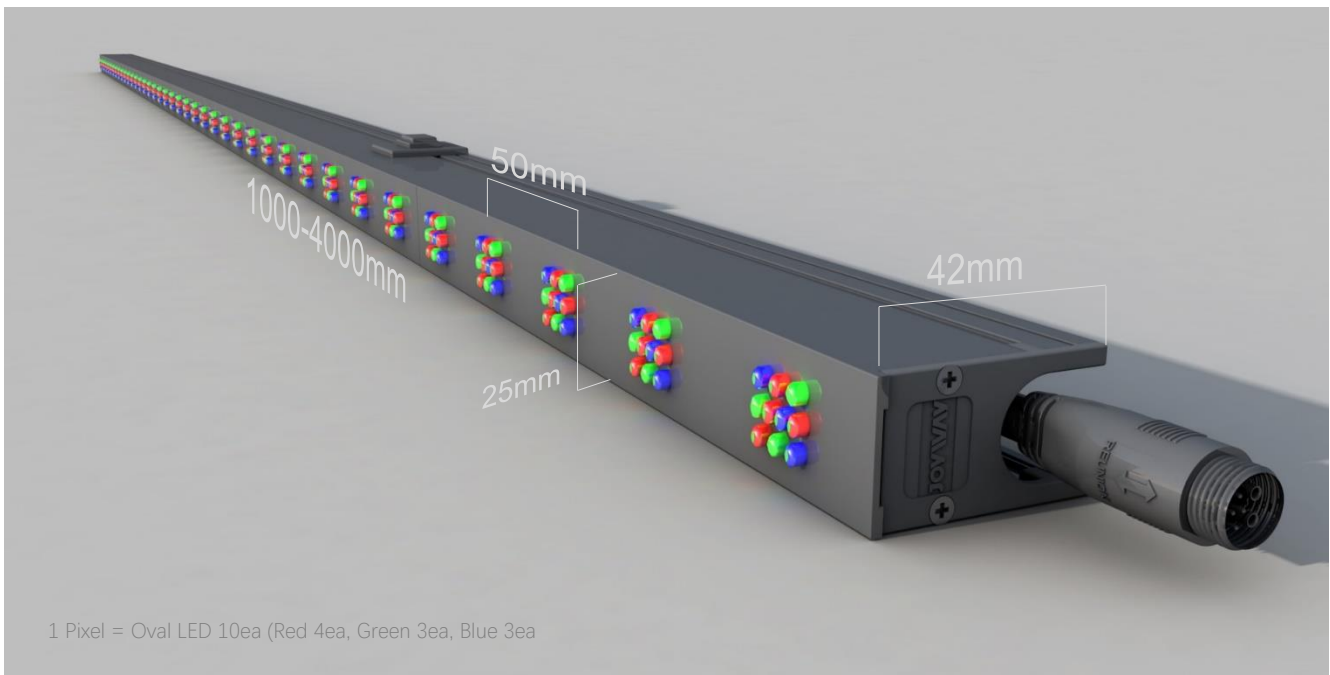
Built-in high efficiency AC-DC power supply, AC110-220 direct supply, improve power supply efficiency, ultra-long power transmission.

PRODUCT SPECIFICATIONS

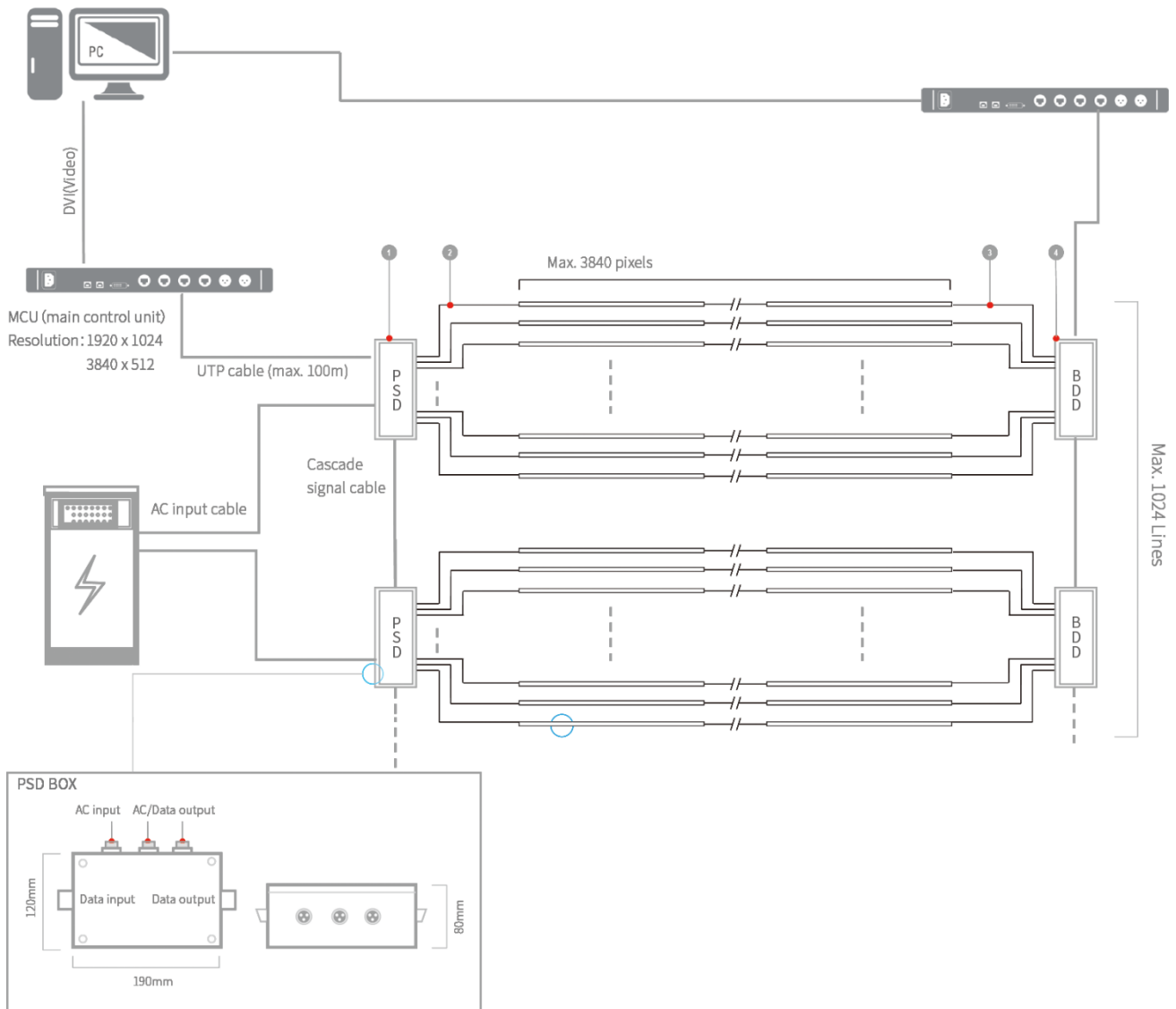
PRODUCT MODEL	VT-2550C
INPUT DATA	SDI Data
MATERIAL	Aluminum Body & PC Mask (can customize the color)
LED LAMP	Oval DIP LED (4R3G3B) (R \geq 2000mcd, G \geq 4000mcd, B \geq 900mcd,)
DIMENSIONS OF STRIP	L : 1000mm-4000mm ; W : 25mm ; D : 42mm
STRIP PERMUTATION	Horizontal Vertical
PIXEL PITCH	Internal of strip: 50mm;
BRIGHTNESS	20 (cd/dot)
BEAM ANGLE	(H)100°×(V)45°
DRIVE MODE	Constant Current, PWM
INPUT VOLTAGE	AC 220V, 10A
MAXIMUM CONNECTION	3840 dots (Frame rate 60HZ), Signal loop backup
POWER CONSUMPTION	Max. 20 w/m
PROTECTION	IP67
WEIGHT	1.15 kg/m
GRAY SCALE	RGB32768 (3×15bit)
REFRESH RATE	\geq 3840 Hz
FRAME RATE	\geq 60 Hz
ENVIRONMENTAL	Temperature: -30°C to +60°C; Humidity: 10%-90%
CONTROL SYSTEM	VF-A3

※ Parameters will change according to the specific project

TECHNICAL DRAWING



SYSTEM BLOCK DIAGRAM (VF-A3)



1 PSD BOX

Model Name VF-A3-02AC / VF-A3-08AC
Component SCB, DTU
Input Voltage 100-240V AC
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(Backup Data Distributor)

Model Name VF-A-BDD02 / VF-A-BDD08

Component SCB, DTU
Output Data 2 -8 port SPI Data
Protection IP65

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