

TVF series

Led Video Wall Panel



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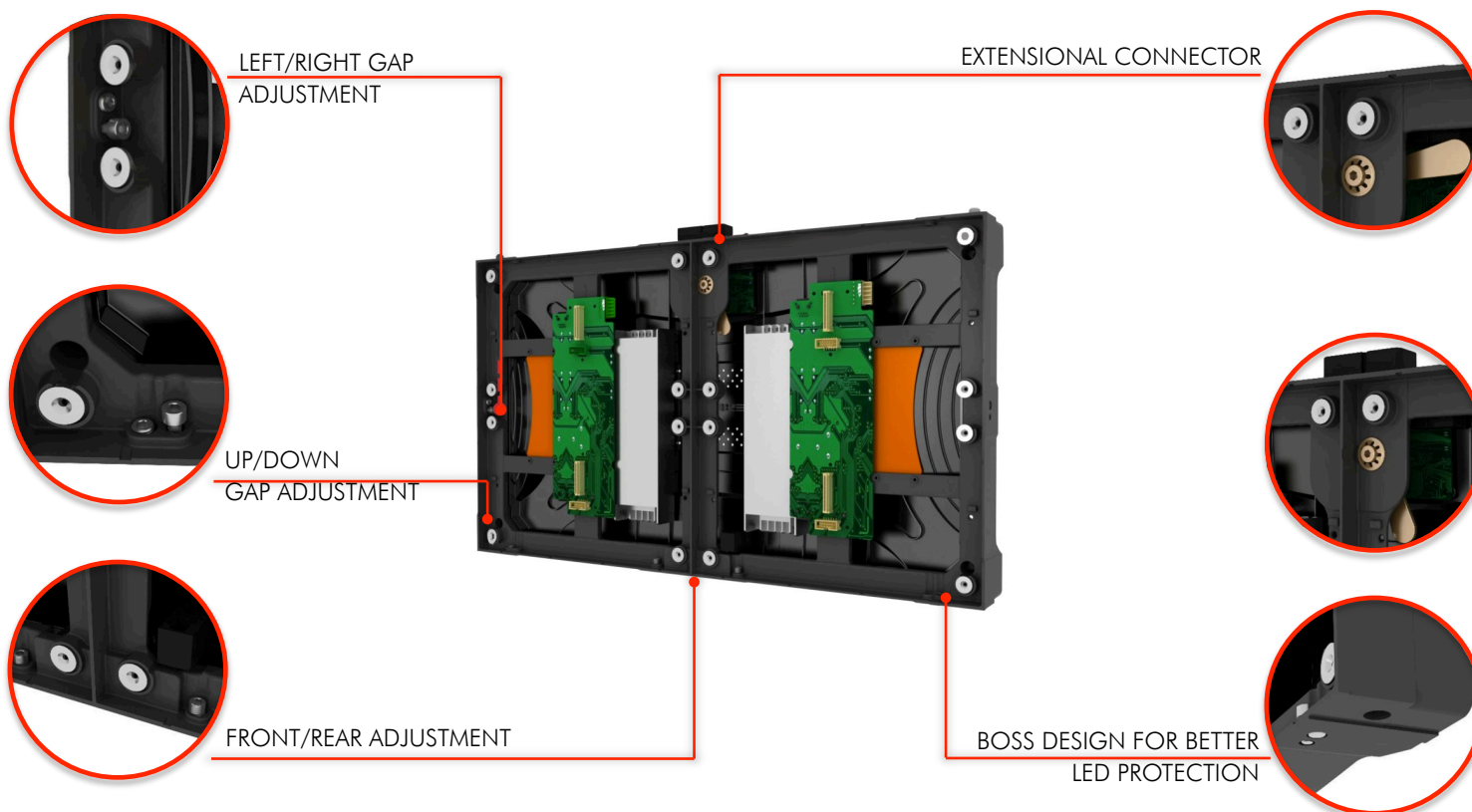
FEATURES

- 27.3 Inch with 16:9 aspect ratio;
- Magnesium cabinet, die casting;
- Fan-less and quiet;
- Dust proof;
- Shock resistance;
- Good anti-electromagnetic radiation;
- Embedded LCD can display the screen working status;
- Isolated gamma adjustment design;
- Magnetic trigger front maintenance;
- High precision;



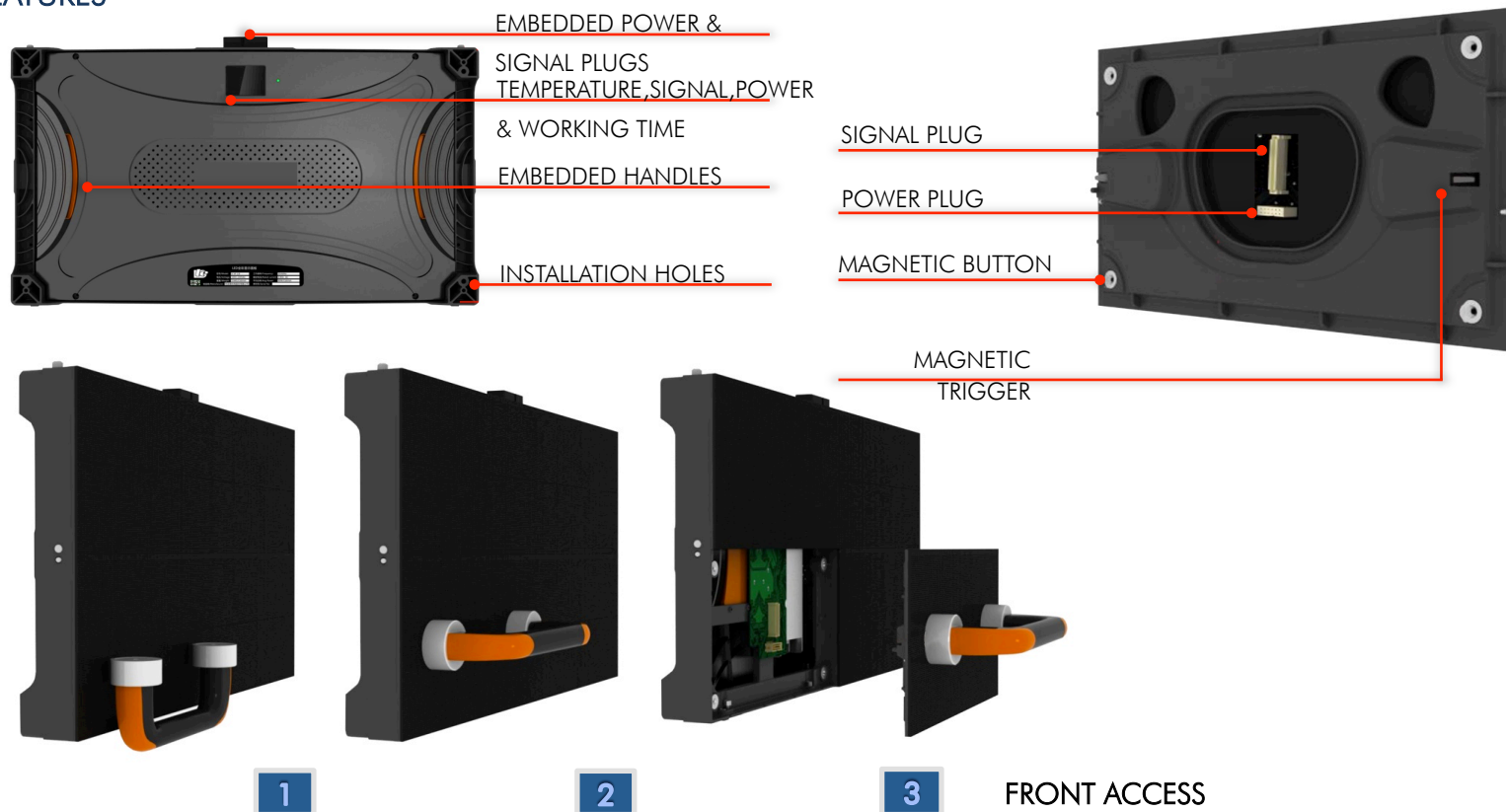
	TVF012	TVF014	TVF015	TVF18	TVF25
Pixel Pitch	1,26 mm	1,454 mm	1,575 mm	1,89 mm	2,5 mm
Brightness (nits)	600	600	600	600	600
Display Size	604.8*340.2*60.1 mm				
Display Resolution	480x270 pixel	416x234 pixel	384x216 pixel	320x180pixel	240x135pixel
Weight	26 kg/mq				
Refresh Rate	> 3000 Hz				
Power Consumption Max	650 W/mq				
Power Consumption Average	217 W/mq				
Maintenance Method	Front				

STRUCTURE FEATURES



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STRUCTURE FEATURES



STRUCTURE FEATURES

INTELLIGENT MODULE

Intelligent module can store calibration data in-dependently,

Magnesium Alloy cover

INTELLIGENT CARD

32 group data, DDRII connector, plug and play

INTEGRATED DRIVER BOARD

No cable between module and driver board but connect with Pins, more reliable

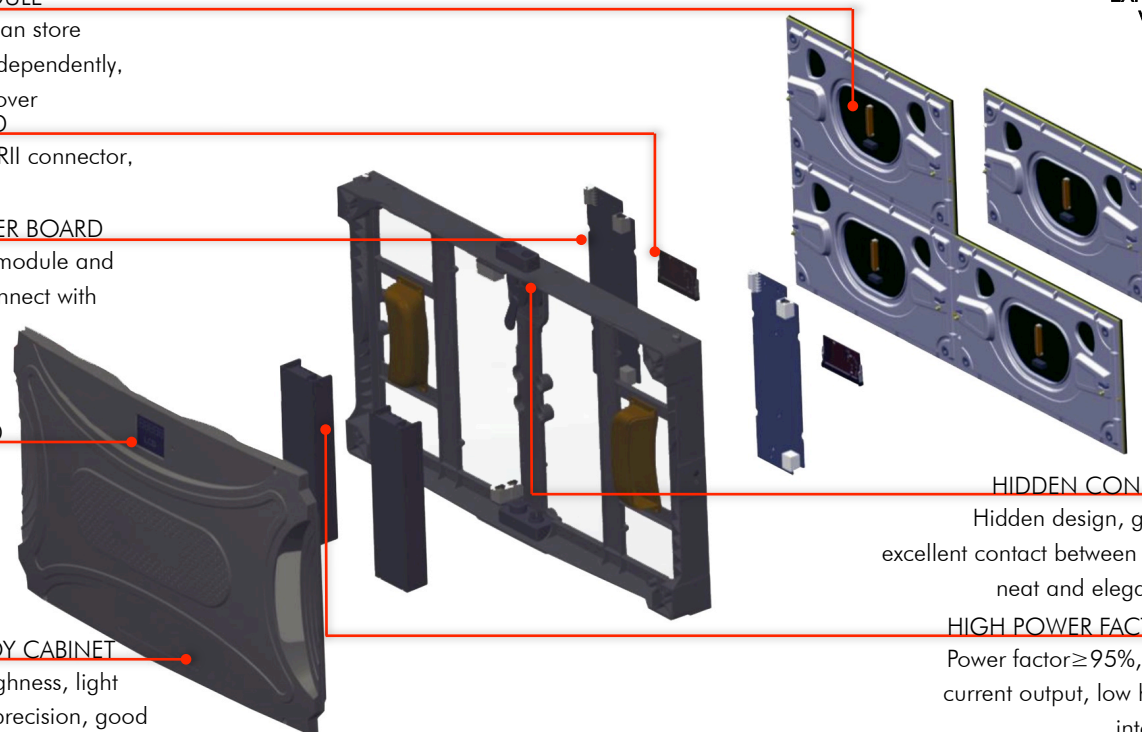
INTERACTION LCD

Interactive LCD, convenient maintenance

MAGNESIUM ALLOY CABINET

High hardness, toughness, light weight, dimension precision, good EMC

EXPLODED VIEW



HIDDEN CONNECTOR

Hidden design, guarantee excellent contact between cabinets, neat and elegance look

HIGH POWER FACTOR PSU

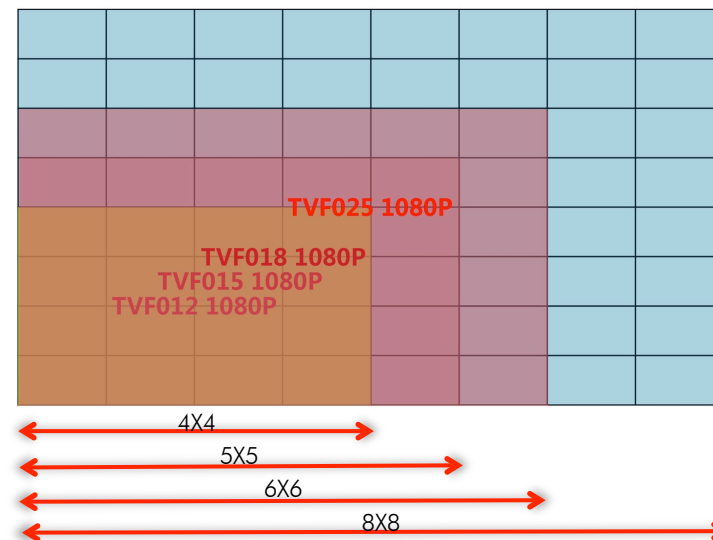
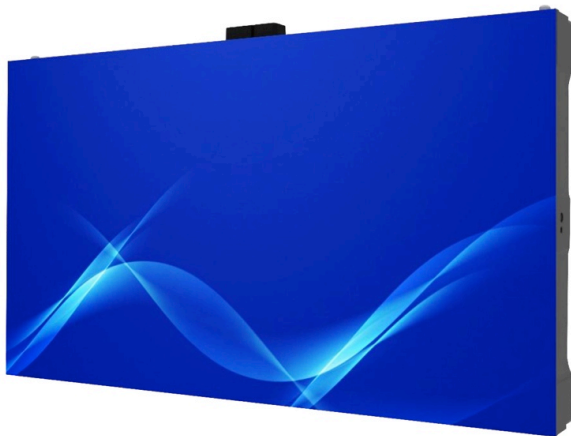
Power factor $\geq 95\%$, constant current output, low harmonic interference

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TECHNOLOGY ADVANTAGES

Resolution & Configuration

	TVF012	TVF014	TVF015	TVF018	TVF025
RESOLUTION	480X270	416X234	384X216	320X180	240X136
1080 Popular Resolution Configuration	4X4		5X5	6X6	8X8



TECHNOLOGY ADVANTAGES



PRECISION COLOR MANAGEMENT

Adopt accurate color management system, to apply pixel by pixel 12bit color calibration to each LED via Secondary Filtering Algorithm.

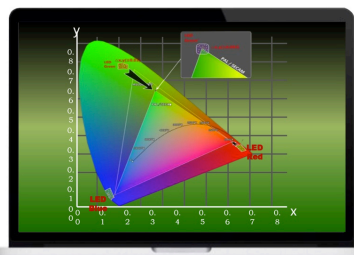
NON-LINEAR COLOR COORDINATE TRANSFORMATION COEFFICIENTS MATRIX

Using non-linear calibration curve and color coordinate transformation coefficients matrix, to realize the constant improvement of video effect. All indexes meet the opto-electronic standard.

COLOR/BRIGHTNESS PIXEL BY PIXEL CALIBRATION

Professional pixel by pixel color and brightness calibration but not whole screen calibration, and the most accurate and best effect can be guaranteed. Color uniformity (X, Y coordinate) < ± 0.003 (6500K white balance).

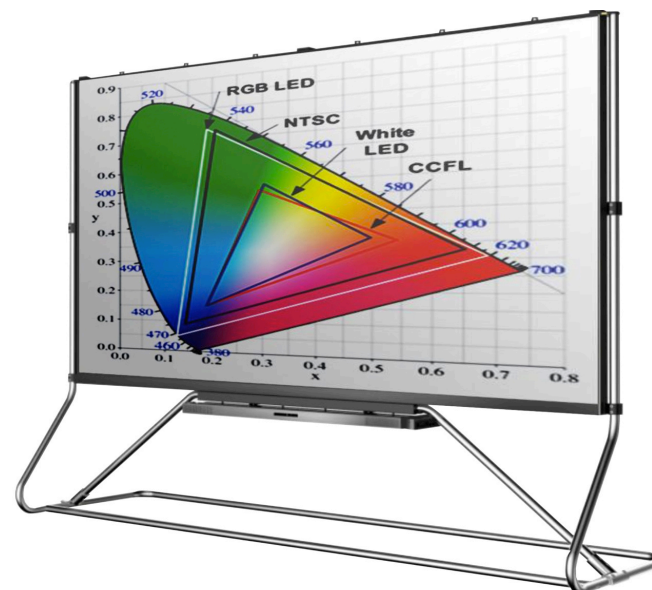
To calibrate discrete distribution LEDs of same beam and same batch, so as to make the LED screen video rendering the color from the nature world, and make it pleasing to human



COLOR GAMUT COVERAGE

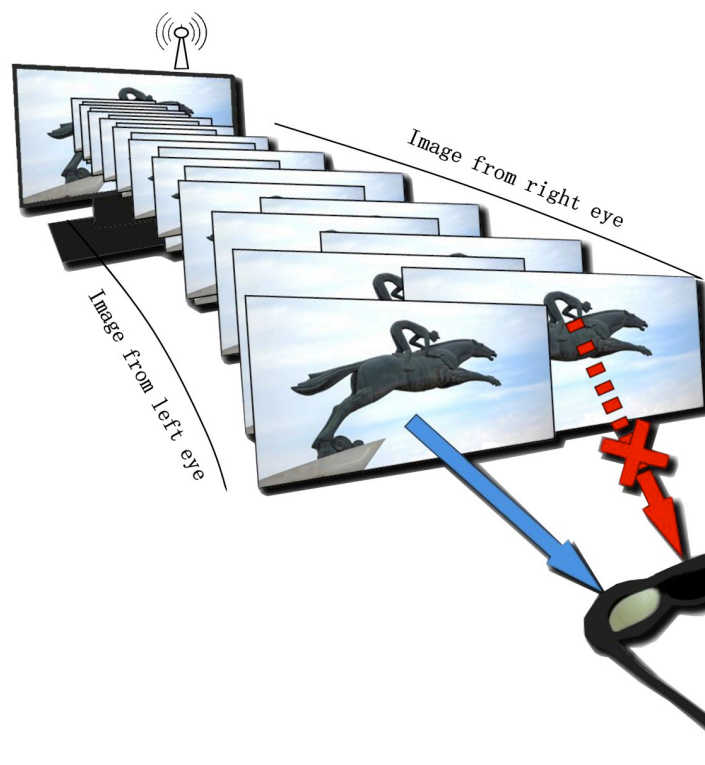


The Panchromatic coverage of our fine pitch LED Video Wall can reach over 36%, can 100% meet the NTSC color range.



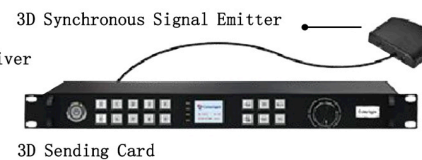
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TECHNOLOGY ADVANTAGES



POSITIVE 3D DISPLAY

- Positive 3D technology, excellent depth of field effect;
- Support 1080P high resolution display;
- Zigbee standard, provide optimal 3D visual experience;
- Support 2D/3D one button switch;
- Support multi 3D video source format ;
- Synchronous video play and 3D display.



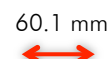
BACK VIEW



FRONT VIEW



LATERAL VIEW



TWF012

LED VIDEO WALL PANEL

SIZE: 604.8x340.2.5x60.1 mm

ORDER CODE: UNITVF12

TWF014

LED VIDEO WALL PANEL

SIZE: 604.8x340.2.5x60.1 mm

ORDER CODE: UNITVF14

TWF015

LED VIDEO WALL PANEL

SIZE: 604.8x340.2.5x60.1 mm

ORDER CODE: UNITVF15

TWF018

LED VIDEO WALL PANEL

SIZE: 604.8x340.2.5x60.1 mm

ORDER CODE: UNITVF18

TWF025

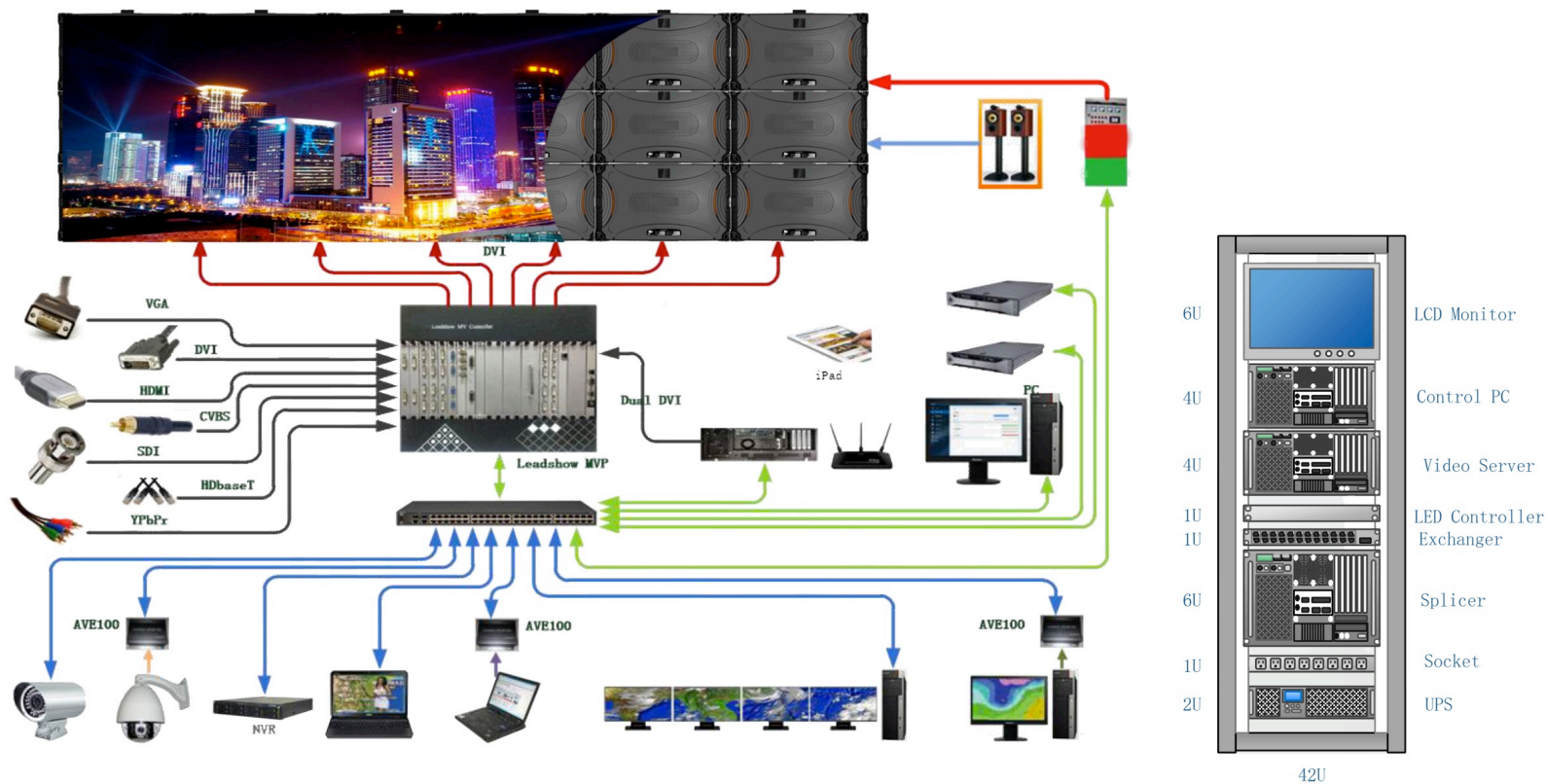
LED VIDEO WALL PANEL

SIZE: 604.8x340.2.5x60.1 mm

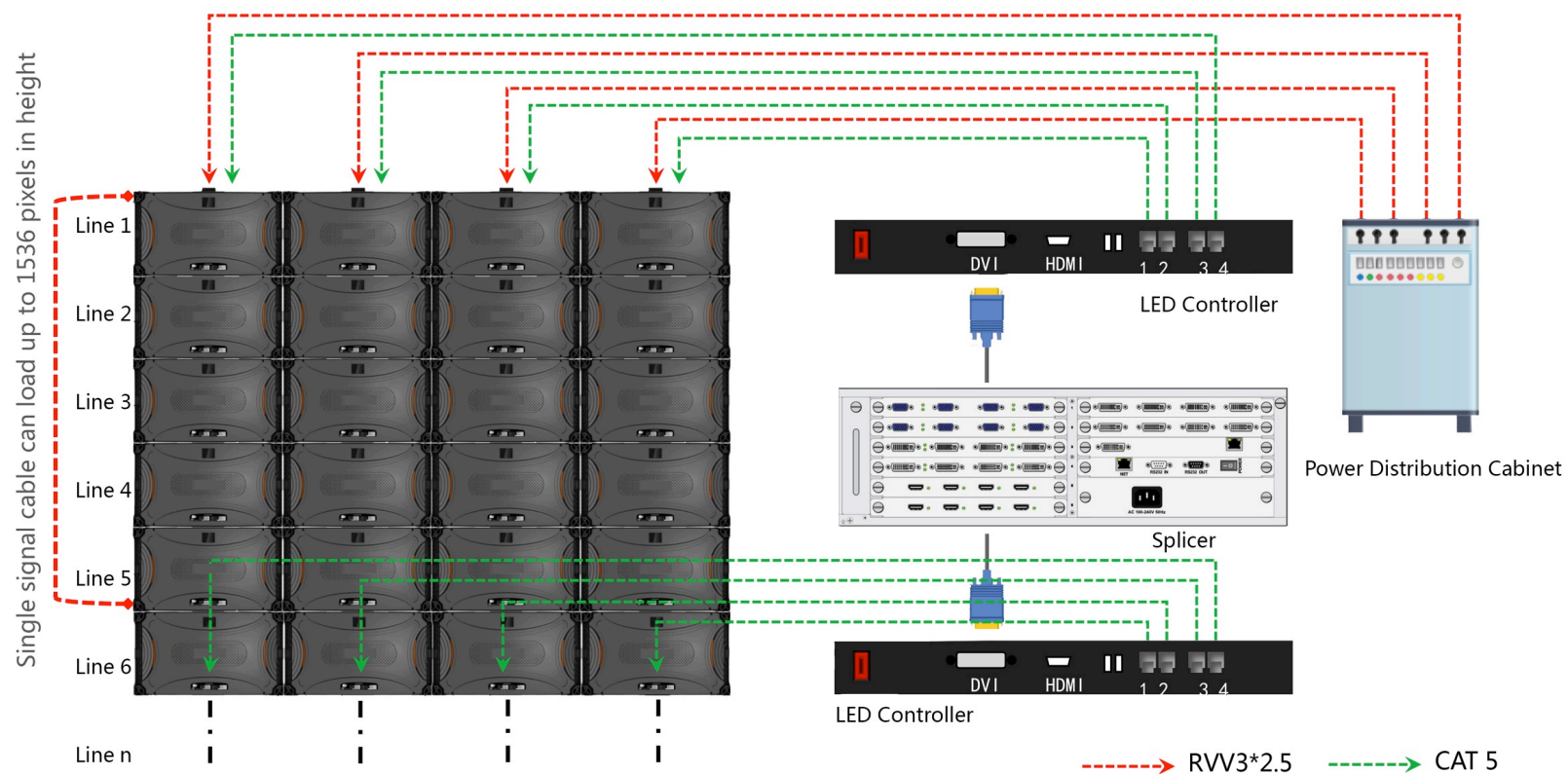
ORDER CODE: UNITVF25

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SYSTEM WIRING DIAGRAM



SYSTEM WIRING DIAGRAM



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INSTALLATION

