

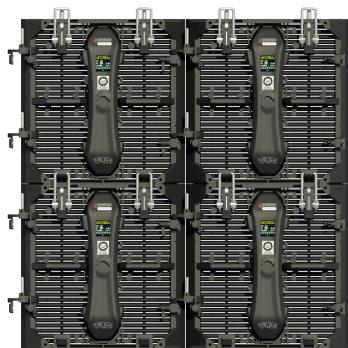
V series Mark II

Outdoor Led Display



V series Mark II

V series MARK II is a high-resolution display incorporating cutting edge technology, that offers an array of innovative solutions. A fully modular construction allows fast maintenance with no need to disassemble the cabinet: the LED PC boards are held in place by magnets and four security locks: it takes only 3 seconds to replace them. Unifast vertical Lock™ connection system allows fast assembly by a single operator. Three mounting options: curved mounting with Lightwave flatTechnology™, 90° Square with Ipercube™ technology or linear straight. No doubt the **V series MARK II** by Unitech is the benchmark for the category: very high transparency, dot pitch from 2.9 to 7.8 mm, a record for the category; low wind resistance (structure designed in wind tunnel); quick assembly, reliability, lightness, and above all a top level video performance. **V series MARK II** is everything lighting designers have always dreamed of and so much more!



FEATURES

- Outstanding brightness 3800 nits black face chip, 7000 nits white face chip.
- Modular construction only 3 parts, fast maintenance.
- Fast installation with quick lock Unifast™ Design.
- 90°Curve Ipercube™ and +-18°Lightwave™ free standing curve.
- Magnet release the led board, quick and fast repair.
- Ultra strong body, resist to heavy wind and storm.
- PFC RF EMI filter and real CE, ROHS certification.
- 6 layer Fiberglass ultra professional PCB with 2oz copper thickness.
- Fast connector pcb. Less cable=clean and reliable also inside.
- Ultra High definition OLED display for working time record and monitor.
- Real IP65 Power Connectors SAC3 MX SAC3 FX.
- NEUTRIK CAT6A IP65.
- 5 Years Guarantee.

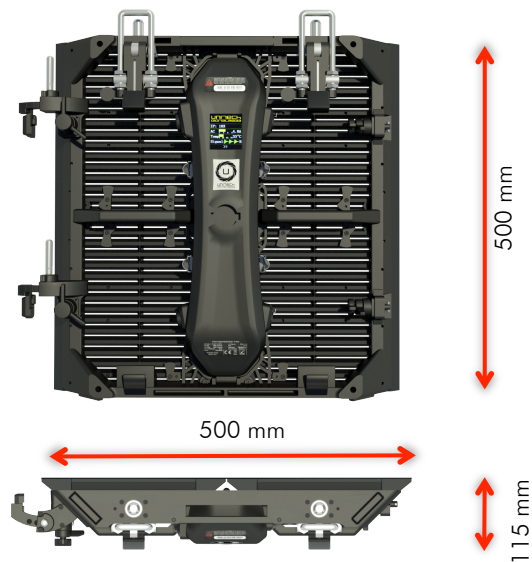


V series Mark II

SPECIFICATIONS	V2	V3
LED size	SMD 1921	SMD 1921
Pixel Pitch	2,9 mm	3,9 mm
Module Resolution (WxH)	172 x 172	128 x 128
Pixel Configuration	1R1G1B (3in1) SMD	1R1G1B (3in1) SMD
Pixel Density Sqmt	118.336 pixel/m ²	65.536 pixel/m ²
Pixel Density Tile	29.584 pixel	16.384 pixel
Refresh Frequency	> 4880 Hz (Support higher refresh rate and depending on system config.)	> 4880 Hz (Support higher refresh rate and depending on system config.)
Driving IC	MBI 5155	MBI 5155
Grey Scale	> 16 BIT (According to system and IC equipped)	> 16 BIT (According to system and IC equipped)
Module Size	500 mm x 500 mm x 115 mm	500 mm x 500 mm x 115 mm
White Balance Brightness	> 3800 cd/m ² (BF LED) > 7000 cd/m ² (WF LED)	> 3800 cd/m ² (BF LED) > 7000 cd/m ² (WF LED)
Color Temperature	8000K ± 500 (adjustable by user)	8000K ± 500 (adjustable by user)
Viewing Angle	Horizontal Angle 140° - Vertical Angle 100°	Horizontal Angle 140° - Vertical Angle 100°
Optimal Viewing Distance	> 8m	> 8m
Max stacking Vertical Hanging pcs.	50	50
Working Voltage	AC 110-220V ± 10% 50-60 Hz	AC 110-220V ± 10% 50-60 Hz
Max Power Consumption	200 W/pcs (white balance)	200 W/pcs (white balance)
Max Power Consumption sqmt	800 W/pcs (white balance)	800 W/pcs (white balance)
Avg Power Consumption Module	100 W/pcs (normal working)	100 W/pcs (normal working)
Lifetime	50000 Hours	50000 Hours
Operating Temperature	-10°C~50°C	-10°C~50°C
Contrast Ratio	1000/1	1000/1
Weight Tile	5,5 kg	5,5 kg
Weight Sqmt	22 kg	22 kg
Ip Rate	IP65 front and back	IP65 front and back
Malfunction dot ratio	1/100.000	1/100.000
Cabinet material	magnesium	magnesium
Computer software	COLORLIGHT	COLORLIGHT

	V4	V5	V7
LED size	SMD 1921	SMD 1921	SMD 1921
Pixel Pitch	4,6 mm	5,9 mm	7,8 mm
Module Resolution (WxH)	108 x 108	84 x 84	64 x 64
Pixel Configuration	1R1G1B (3in1) SMD	1R1G1B (3in1) SMD	1R1G1B (3in1) SMD
Pixel Density Sqmt	46.656 pixel/m2	28.224 pixel/m2	16.384 pixel/m2
Pixel Density Tile	11.664 pixel	7.056 pixel	4.096 pixel
Refresh Frequency	> 4880 Hz (Support higher refresh rate and depending on system configuration)		
Driving IC	MBI 5155	MBI 5155	MBI 5155
Grey Scale	> 16 BIT (According to system and IC equipped)	> 16 BIT (According to system and IC equipped)	> 16 BIT (According to system and IC equipped)
Module Size	500 mm x 500 mm x 115 mm	500 mm x 500 mm x 115 mm	500 mm x 500 mm x 115 mm
White Balance Brightness	> 3800cd/m2 (BF LED), > 7000cd/m2 (WF LED)	> 3800cd/m2 (BF LED), > 7000cd/m2 (WF LED)	> 3800cd/m2 (BF LED), > 7000cd/m2 (WF LED)
Color Temperature	8000K ± 500 (adjustable by user)	8000K ± 500 (adjustable by user)	8000K ± 500 (adjustable by user)
Viewing Angle	Horizontal Angle 140° - Vertical Angle 100°	Horizontal Angle 140° - Vertical Angle 100°	Horizontal Angle 140° - Vertical Angle 100°
Optimal Viewing Distance	> 8m	> 8m	> 8m
Max stacking Vertical Hanging pcs.	50	50	50
Working Voltage	AC 110-220V ± 10% 50-60 Hz	AC 110-220V ± 10% 50-60 Hz	AC 110-220V ± 10% 50-60 Hz
Max Power Consumption	200 W/pcs (white balance)	200 W/pcs (white balance)	200 W/pcs (white balance)
Max Power Consumption sqmt	800 W/pcs (white balance)	800 W/pcs (white balance)	800 W/pcs (white balance)
Avg Power Consumption Module	100 W/pcs (normal working)	100 W/pcs (normal working)	100 W/pcs (normal working)
Lifetime	50000 Hours	50000 Hours	50000 Hours
Operating Temperature	-10°C~50°C	-10°C~50°C	-10°C~50°C
Contrast Ratio	1000/1	1000/1	1000/1
Weight Tile	5,5 kg	5,5 kg	5,5 kg
Weight Sqmt	22 kg	22 kg	22 kg
Ip Rate	IP65 front and back	IP65 front and back	IP65 front and back
Malfunction dot ratio	1/100.000	1/100.000	1/100.000
Cabinet material	magnesium	magnesium	magnesium
Computer software	COLORLIGHT	COLORLIGHT	COLORLIGHT

V series Mark II



LED DISPLAY V SERIES MARK II

SIZE: 18.9"x18.9"x4.3" (500x500x115 mm)

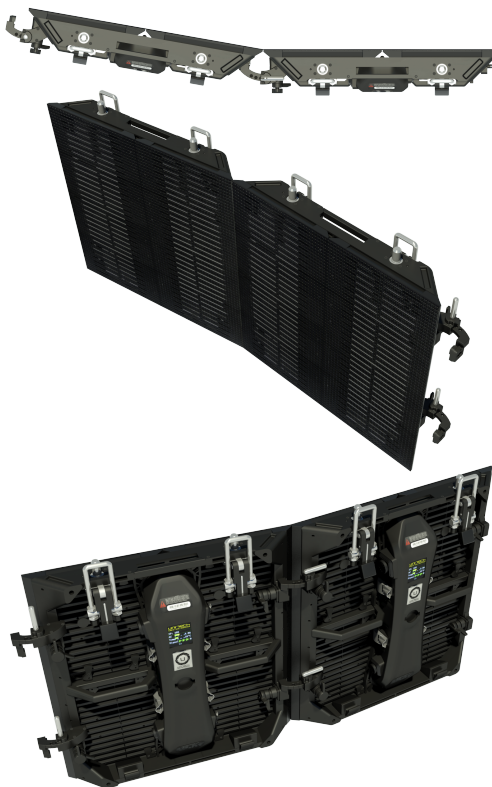
WEIGHT: 12.1 lb (5.5 kg)

ORDER CODE: UNILMV2mk2
UNILMV3mk2
UNILMV4mk2
UNILMV5mk2
UNILMV7mk2

CURVED ASSEMBLY 0°



CURVED ASSEMBLY max 18°



CURVED ASSEMBLY 18°



V series Mark II Flycase Accessory





FLYCASE V7 – V – F SERIES

6 unit Penn Elcom hardware. plywood

SIZE: 33.5"x20.9"x28.7" (850x530x730 mm)

WEIGHT: 77.2 lb (35.0 kg)

ORDER CODE:

color RED: UNIFC6UNRV

color ALUMINUM: UNIFC6UNALV

color BLACK: UNIFC6UNBV



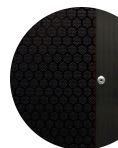
AVAILABLE COLORS



Red



Aluminum



Black

FLYCASE ACCESSORIES

Penn Elcom plywood, hardware, accessories

SIZE: 33.5"x20.9"x28.7" (850x530x730 mm)

WEIGHT: 77.2 lb (35.0 kg)

ORDER CODE:

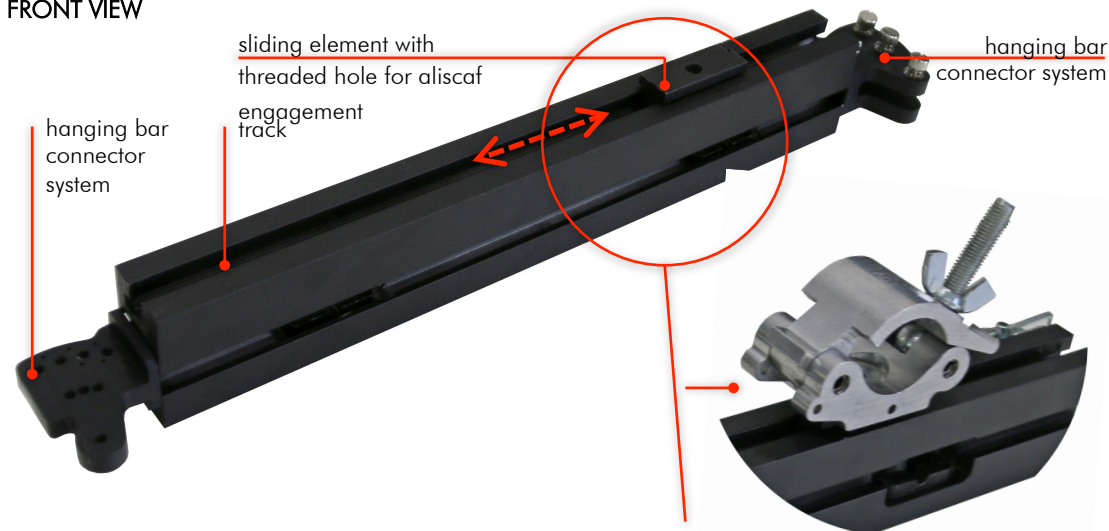
color RED: UNIFCACR

color ALUMINUM: UNIFCACAL

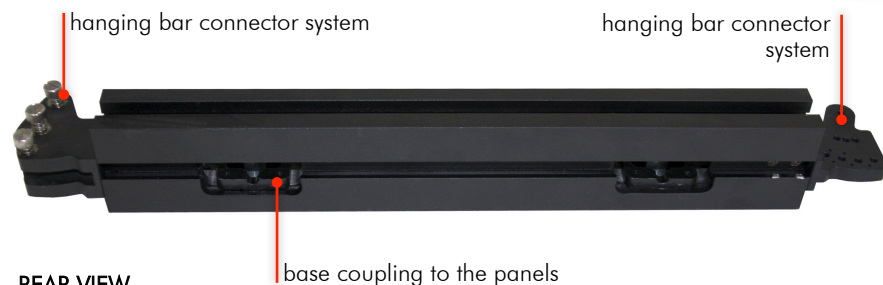
color BLACK: UNIFCACB

V series Mark II Hanging Bar Accessory

FRONT VIEW



HANGING SYSTEM: how to connect



REAR VIEW

HANGING BAR V SERIES

SIZE: 19.7" (500mm) long

WEIGHT: 5.47 lb (2.48 kg)

ORDER CODE: UNIHB50V

SIZE: 39.4" (1000mm) long

WEIGHT: 10.5 lb (4.76 kg)

ORDER CODE: UNIHB100V

V series Mark II Cable&Connector Accessory

CAT7 SFTP

Specially designed by Unitech Digital Media for Led Display, the new signal cable CAT7 is a highest quality product; equipped with the latest technology connectors for 10 Gigabyte of passing band, the cable CAT7 is also ideal for outdoor installation (IP65).



SIZE: 1ft (30 cm) long
ORDER CODE: UNISG703



SIZE: 2.6ft (80 cm) long
ORDER CODE: UNISG708



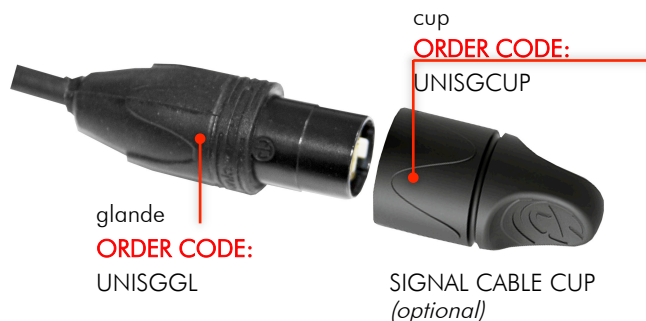
SIZE: 16.4ft (500 cm) long
ORDER CODE: UNISG75



SIZE: 65.6ft (2000 cm) long
ORDER CODE: UNISG720



SIZE: 164ft (5000 cm) long
ORDER CODE: UNISG750



LED DISPLAY POWER CABLE TRUE1

SIZE: 1ft (30 cm) long
ORDER CODE: UNIPW03

SIZE: 3.3ft (100 cm) long
ORDER CODE: UNIPW1

SIZE: 33ft (1000 cm) long
ORDER CODE: UNIPW10





