VUEPIX
INFILED

WV SERIES

DESIGNED FOR MISSION CRITICAL ENVIRONMENTS

WV Series

Designed for Mission Critical Environments

The VuePix Infiled WV series was designed specifically to bring the latest LED technology into the control rooms and similar type of mission critical environments. It adopted its series name to reflect the fact that the mounting system is compatible with the most common types of VESA Wall mounts*, typically used in these kinds of environments, allowing for an easy replacement of the 54-inch LCDs.

Perfectly suited for 24/7 operation, with a fine pixel pitch of 1.25mm, the WV series displays deliver crystal clear visuals, with an impressive contrast ratio of 10,000:1. The systems support HDR10 technology, ensuring the delivery of high-definition and fine detail content, which is crucial for mission critical environments.

The standard 54" cabinets offer a 16:9 aspect ratio, allowing for an easy creation of Full HD, 4K and 8K digital displays. The WV series systems support HDMI synchronization, Intelligent control via App, Remote control playback or USB playback.

The WV series cabinets are lightweight, slim and include magnets, pins, and quick locks for easy & fast installation and precision alignment.

The WV cabinets are powered by external power supplies, which helps to minimise the electromagnetic interference, circuit disruption and further enforces the reliability of the WV digital systems.

The LED modules, driver boards and receiving cards can be easily accessed from both the front and rear, allowing for seamless maintenance process.

The VuePix Infiled WV series displays can be customised to offer touchscreen control. Additional feature set options include smoke, temperature and humidity monitoring.

EXCELLENT PICTURE QUALITY

3,840 HZ
High refresh rate

10,000:1
High contrast ratio

14bit+ (up tp 24bit+)
High grayscale

800nits
Max brightness

The WV series displays deliver crystal clear visuals, with an impressive contrast ratio of 10,000:1. The systems support HDR10 technology, ensuring the delivery of high-definition and fine detail content, which is crucial for the mission critical environments.

Pixel Pitch	1.25mm
Brightness	800nits
Cabinet size (WxHxD)	1200x675x41mm

High Grayscale   Easy Maintenance

Quick Setup   Energy Efficient

16:9 ASPECT RATIO

The standard 54" cabinets offer a 16:9 aspect ratio, allowing for easy creation of Full HD, 4K and 8K digital displays.

Full HD 1920 x 1080   **4K 3840 x 2160**   **8K 7680 x 4320**   **16:9 ASPECT RATIO**

EASY CONFIGURATION
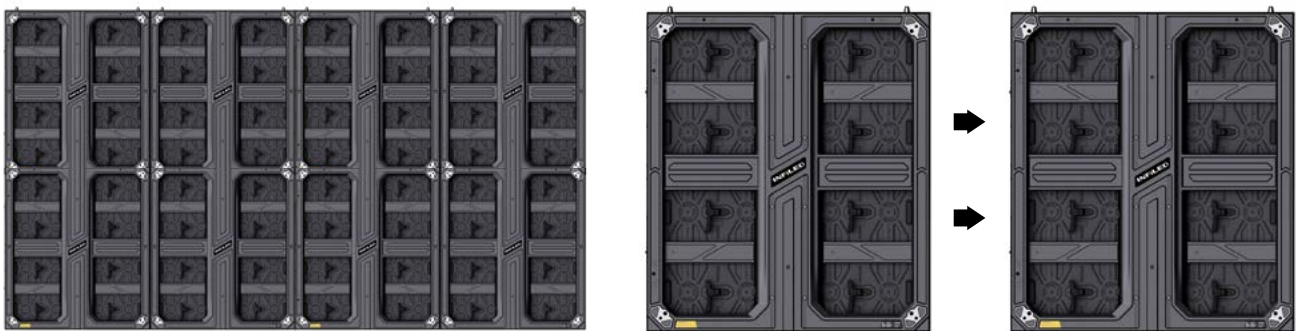
Easy setup for Full HD, 4K, and 8K screen resolution.

Screen Size			Resolution					
Cabinet layout	width*height	Size (inch)	1.25	1.5	1.8	2.3	2.5	3.1
2 x 2	2.4 x 1.35m	108	Full HD					
3 x 3	3.6 x 2.025m	162			Full HD			
4 x 4	4.8 x 2.7m	216	4K				Full HD	
5 x 5	6 x 3.375m	270		4K				Full HD
6 x 6	7.2 x 4.05m	324			4K			
7 x 7	8.4 x 4.725m	378						
8 x 8	9.6 x 5.4m	432	8K				4K	
9 x 9	10.8 x 6.075m	486						
10 x 10	12 x 6.75m	540		8K				4K

LIGHTWEIGHT & THIN CABINETS

The WV series cabinets are only 41mm thick (including the LED light panel). The overall thickness of the LED display mounted on the wall utilising the mounting brackets is 49mm.

MODULAR SYSTEM FOR EASY INSTALLATION

The full size cabinets are 1200mm wide x 655mm high, allowing for a quick and easy setup.
Two standard cabinet can be split into two half-size cabinets, by simply unscrewing the connection between them. The WV series cabinets feature positioning magnets, pins and quick locks, which allow for fast, easy yet precision installation and alignment.

COMPATIBLE WITH VESA WALL MOUNTING BRACKETS

The WV series panels are compatible with most common types of VESA Wall mounts*, typically used in control room environments, allowing for easy replacement of the 54-inch LCDs.
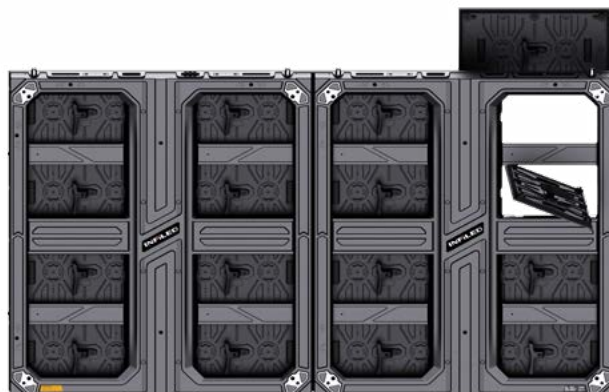

Please check for compatibility with your preferred VESA Wall mounting system.

SUPERB RELIABILITY FOR 24/7 OPERATION

The WV series cabinets do not rely on internal power. Instead, they are powered by external power supplies. External power supply achieves less electromagnetic interference and mitigates the probability of circuit disruption and therefore guarantees efficient operation of the screen without any downtime. The absence of an internal power supply unit also allows for extremely quiet operation, which can be crucial in mission critical environments.

QUICK AND EASY MAINTENANCE

The LED modules, driver boards and receiving cards can be easily accessed from both the front and rear, allowing for seamless maintenance process.

OPTIONAL FEATURES

The VuePix Infiled WV series displays can be customised to offer touchscreen control.
Additional feature set options include smoke, temperature and humidity monitoring.

MULTIPLE PLAYBACK METHODS

· HDMI synchronization

· Intelligent control via an app

· Remote control playback

· USB playback

WV SERIES SPECIFICATIONS

	WV Indoor P1
Series	WV
Pixel Pitch	1.25 mm
Environment	Indoor
LED Configuration	3 IN 1 SMD
Max. Brightness	800 nits
Refresh Rate	≤3,840 Hz
Viewing Angle	160°/160°
Cabinet Resolution	960 x 540 pixels
Cabinet Width	1200 mm
Cabinet Height	675 mm
Cabinet Depth	41 mm
Cabinet Weight	18 kg
Max. Power Consumption	220 W /m^2, 440 W /panel
Aver. Power Consumption	73.5 W /m^2, 147 W /panel
Transparency	N/A
Operating Power Source	100-240V AC, 50-60Hz
Operating Temperature	-10°C~+45°C
Ingress Protection	IP30
Verification	CE, FCC, ETL, ROHS, REACH, WEEE
Application	Install

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REDEFINING TECHNOLOGY IN EVERY PIXEL