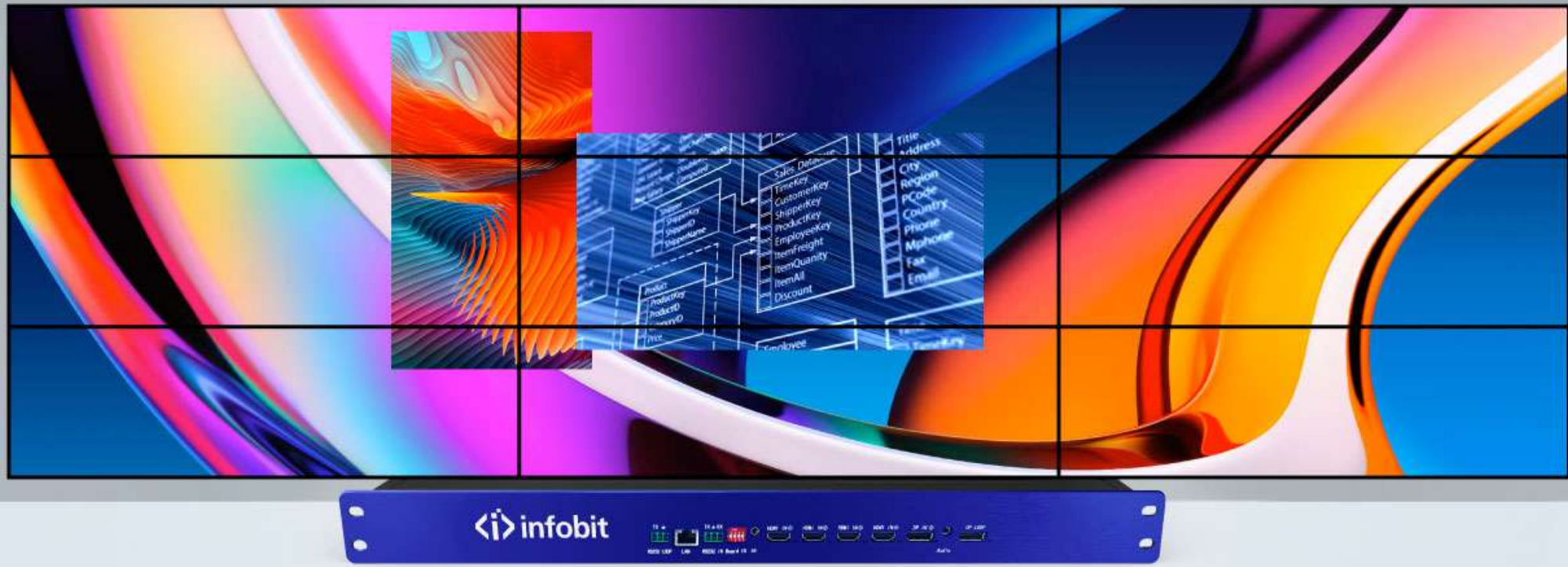# iWall
409R

- 4K 60Hz Ultra HD video wall controller
- With 3.5mm audio output
- Input/ Outputs: 4x HDMI inputs (1x 4K@60Hz, 3x 4K@30Hz), 1x DP input (4K@60Hz), 9x HDMI outputs (1080p@60Hz), and 1x DP loop out.
- Supports cascading
- Multiple displaying modes: single image, PIP (Picture in Picture), POP (Picture on Picture), PYP (Picture by Picture: Up-Down or Left-Right side by side), or Quad-view.
- Supports matrix model (single display mode 1x1).
- Setup Free: Support IR remote control and serial RS232 control.- Support 90 degree portrait display or 180 degrees rotation
- FPGA technology, pure hardware real-time processing architecture without delay.
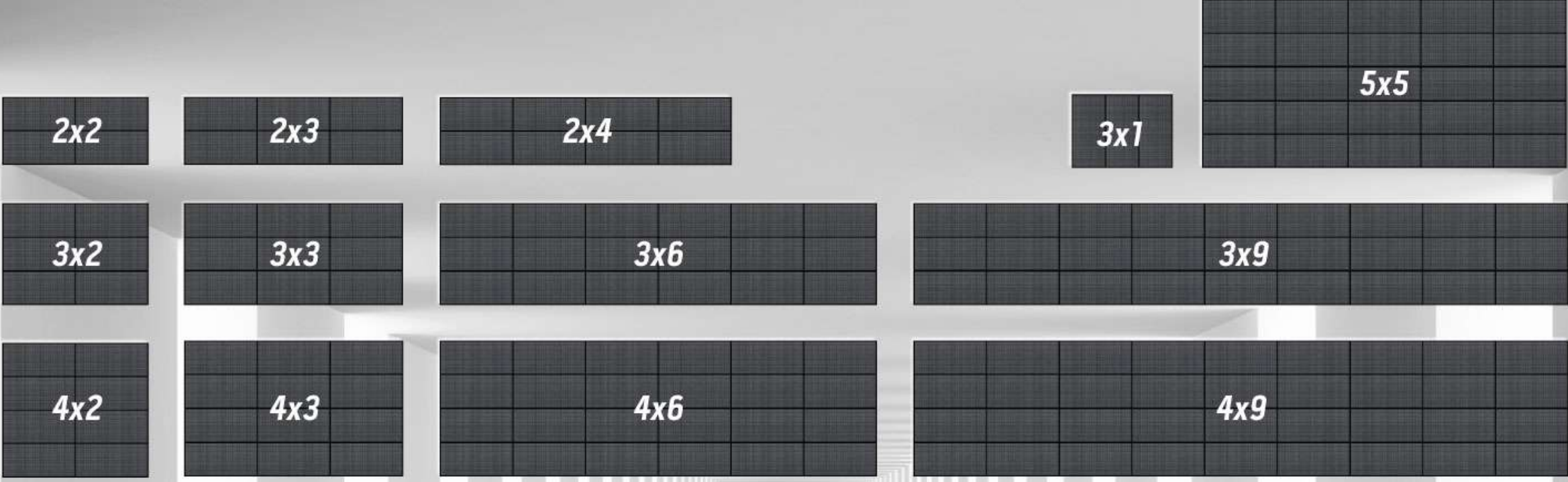
Pure Hardware without Windows OS

Without Window blue screen, virus risks, OS vulnerability, and breakdown.
Lower requirements of IT technology background, save your training cost.

Multiple Videowall Layouts

It supports 1x3, 2x2, 2x3, 2x4, 3x2, 3x3,4x2 and more video wall layouts of 3x6 or 3x9 by cascading another 409R.

Multiple content layouts

It supports up to 5x sources (4x HDMI and 1x DisplayPort Inputs) displaying on the video wall by multiple windows layouts: PIP (Picture in Picture), POP (Picture on Picture), PYP (Picture by Picture: Up-Down or Left-Right side by side) or Quad-view.
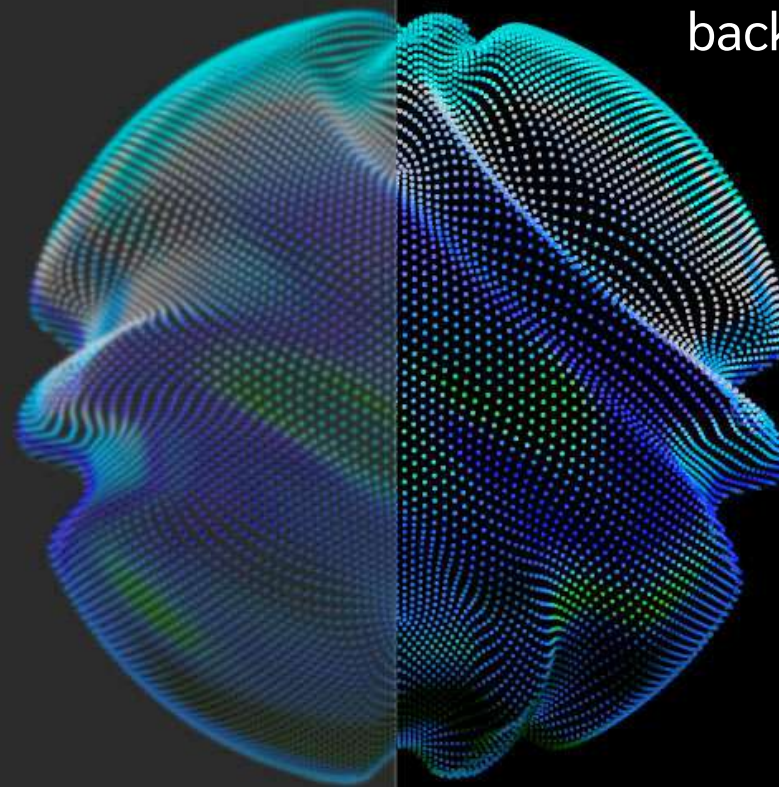
Setup Free

It can be controlled by the IR remote, without settings required. No set-up and just the sample click-and-display experience. It also supports RS232 control by the third-party device.
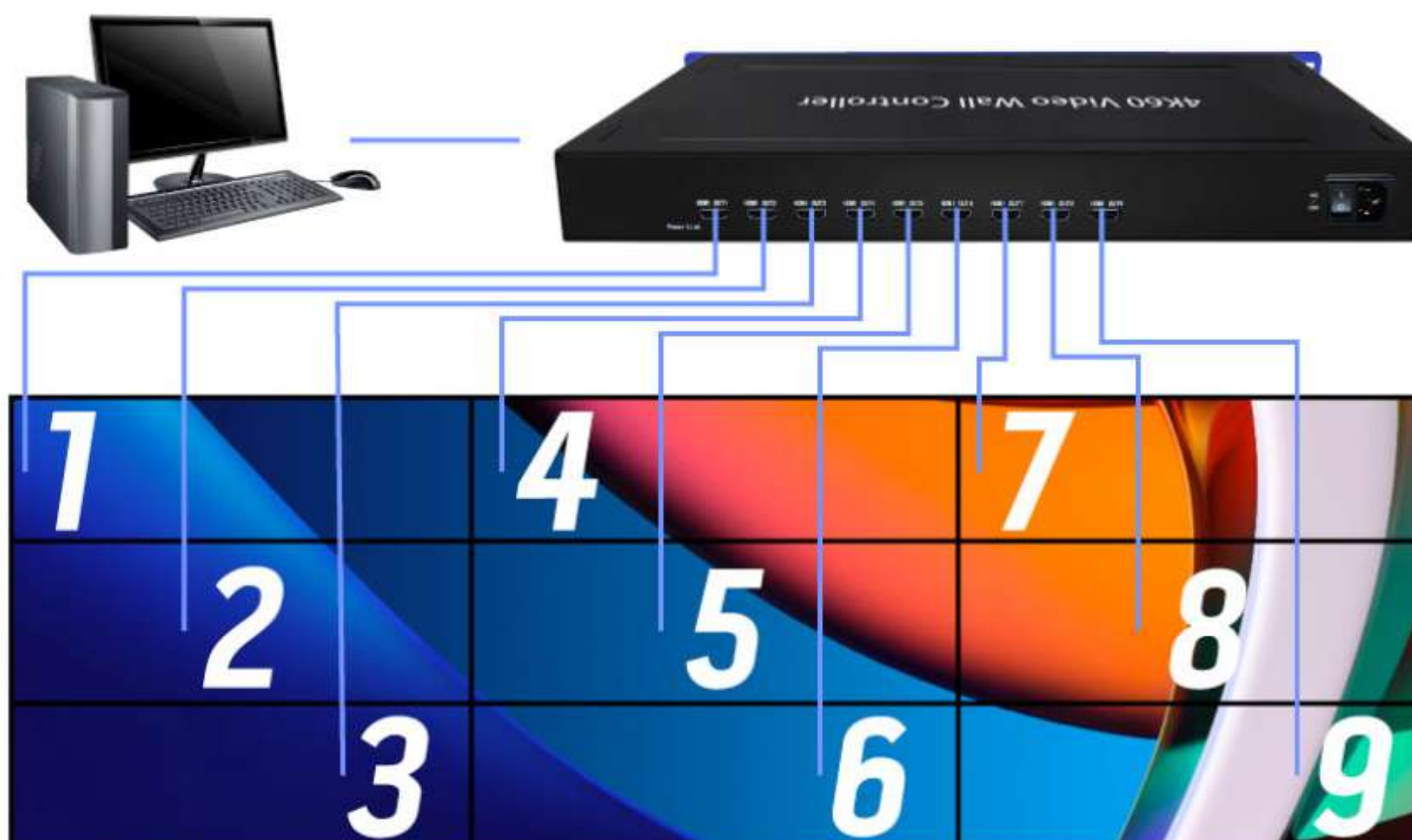
2K FHD TO 4K UHD

It supports crystal clear 4K60 UHD content and backwards compatible with 4K30 and 1080p.

2K

4K

Diagram

Datasheet

Product Name	iWall 409R
DisplayPort input	1x Display port 1.2 (3840×2160@60Hz)
HDMI inputs	1x HDMI 2.0 (3840×2160@60H)- HDMI IN 4 3x HDMI 1.4 (3840×2160@30H)- HDMI IN 1-3
HDMI outputs	9x HDMI 1.3 (1920*1080@60Hz)
Loop-out	1x Display port 1.2 (3840×2160@60Hz)
Audio output	1x 3.5mm
Control	Remote control, RS232
Factory default resolution	HDMI: 3840*2160@30Hz; DP: 3840*2160@60Hz
Support custom resolution	Yes
Operating temperature	0℃-50℃
Power consumption	12W
Power supply	12V@2A AC-DC
Net Weight	840g
Size	270*122.5*20mm WDH
Package list	One DP Cable; One 12V@2A AC-DC; One remote control
Warranty	One year