

ALWAYS IN CONTROL. NOW ACROSS EVERY DISPLAY.

Canvas is an optional video wall capability built directly into the Boxilla management platform. Operators design, configure, and launch multi display video walls using Emerald DESKVUE units entirely from the Boxilla UI, with no separate video wall controller hardware required.

For the first time, the Emerald platform that manages your KVM connections now manages your display wall too. One pane of glass for both operator access and video wall control.

- No Separate Controller**
Design and run your entire wall from Boxilla software. No dedicated controller to buy, rack, or maintain.
- Walls and Workspaces**
Build the physical display grid once, then overlay and switch between multiple source layouts on top of it.
- Pixel Accurate Continuity**
Bezel compensation, 180 degree display flip, and per display resolution keep imagery seamless across large walls.
- Protocol Ready**
Distribute TX, RDP, and H264 connections to any tile, matching the sources already running in your environment.
- One Click Sync and Launch**
A single synchronize action pushes all configuration to DESKVUE units over IP. Launch or terminate a workspace instantly.

CAPABILITIES AND SPECIFICATIONS

WALL CONFIGURATION	
Max Displays	Up to 16 per wall
Layout Grid	Selectable up to 16 displays
DESKVUE Units	Multiple units per wall
Display Outputs	4 per DESKVUE (D1 to D4)
Resolution	Preset, up to 3840 wide
Bezel Compensation	Per display, per side
Display Flip	180 degree rotation
BEZEL SETTINGS	
Bezel Library	Global, reusable across walls
Measurement	Millimetre input, pixel adjusted
Sides	Top, bottom, left, right

WORKSPACE CONFIGURATION	
Tiles	Up to 16 per workspace
Connections	TX, RDP, H264
Tile Snapping	Horizontal, vertical, four display
Quadrant Snapping	Multiple tiles per display
Aspect Ratio	Fit to Desktop or Maintain
Tile Placement	Pixel level X, Y, width, height
Tile Behaviour	Fixed, always on top, resizable
SYNC AND LAUNCH	
Synchronize	One click push to DESKVUE
Device Mode	DESKVUE set to slave on sync
Transport	JSON over IP, EDID validated

OPERATOR CONTROLS	
Launch / Terminate	One click activation
Status	Color coded sync indicators
Identify DESKVUE	On screen device labels
Mini Map	Overview of large layouts
Canvas Tools	Zoom, pan, fit, lock
REQUIREMENTS	
Manager	Boxilla BXAMGR-R2
Firmware	v5.1 or above
License	Video wall license required
Endpoints	Emerald DESKVUE SE / PE / PE+

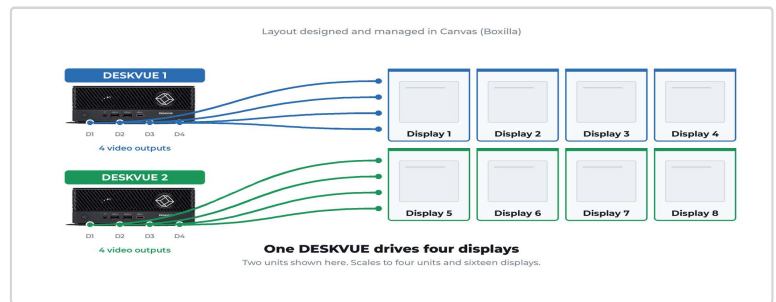
HOW IT WORKS

- Build the Wall**
Define the display grid, add DESKVUE units, connect outputs, then set resolution and bezels.
- Assign a Workspace**
Drag source tiles onto displays. Set placement, aspect ratio, and tile behaviour.
- Sync and Launch**
Push the configuration to DESKVUE over IP, then launch the workspace in one click.

LICENSING AND AVAILABILITY

- Delivered as a firmware and license upgrade to Boxilla.
- Compatible with Boxilla BXAMGR-R2, FW v5.1 and above.
- No additional video wall controller hardware required.
- Endpoints Emerald DESKVUE SE, PE, and PE+. (Not available on EMD5104-R)

THE CANVAS AT A GLANCE



Model	Description	Role
EMD5004SE-R	Emerald DESKVUE SE	Wall Endpoint
EMD5004PE-R-R2	Emerald DESKVUE PE	Wall Endpoint
EMD5004FPE-R	Emerald DESKVUE PE+ (10G Fiber)	Wall Endpoint
BXAMGR-R2	Boxilla Manager	Management Platform

*Canvas requires Boxilla using FW v5.1 or above + video wall license. No additional controller hardware is required.

Boxilla License Item #: EMD-VWC-LIC1, EMD-VWC-LIC2, EMD-VWC-LIC4, EMD-VWC-LIC8

WHY CANVAS?

- One Platform**
Single pane of glass for KVM and video wall.
- No Extra Controller**
Software driven and license based.
- Pixel Perfect Walls**
Bezel, flip, and resolution control.
- Switch Instantly**
Prebuilt workspaces, one click.