

View Display™

Welcome to the next generation of View Smart Windows™. Augment your views with immersive experiences on transparent OLED screens built on your windows. View Display™ combines market-leading smart window technology with the latest transparent OLED screens.

The 55" (1388mm) OLED screen delivers stunning colors and Full-HD quality while also featuring 40% transparency, enabling views and becoming practically invisible when the display is off. View Smart Windows automatically adjust the tint to maximize contrast and viewing experience while the display is on - while continuing to block heat and glare.

The View Display™ Controller powers the screen and can be hidden in the mullion frame or above the ceiling and can link up to twenty-five 55" (1388mm) displays for large eye-catching experiences across multiple windows.

Key Features

- **Transparent digital canvas:** 55" (1388mm) Diagonal Full HD OLED screen (16:9) featuring 40% transparency for increased access to natural daylight and unobstructed views
- **Smart windows for increased comfort:** View Smart Windows automatically adjust tint based on display and weather conditions for an optimum viewing experience*
- **Flexible and scalable displays:** Up to twenty-five 55" (1388mm) screens can be tiled into an even larger display
- **Multiple content options for collaboration and entertainment:** Easily connect existing content via HDMI or DisplayPort (DP) interfaces to project personalized content with built-in video wall functionality
- **Flexible installation options to fit a variety of windows:** View Display™ can be mounted in multiple layouts and configurations to maximize design flexibility

Benefits

- Digital content now integrated with natural light and views
- Immersive augmented reality
- Showcase tech leadership
- Transformative architecture design

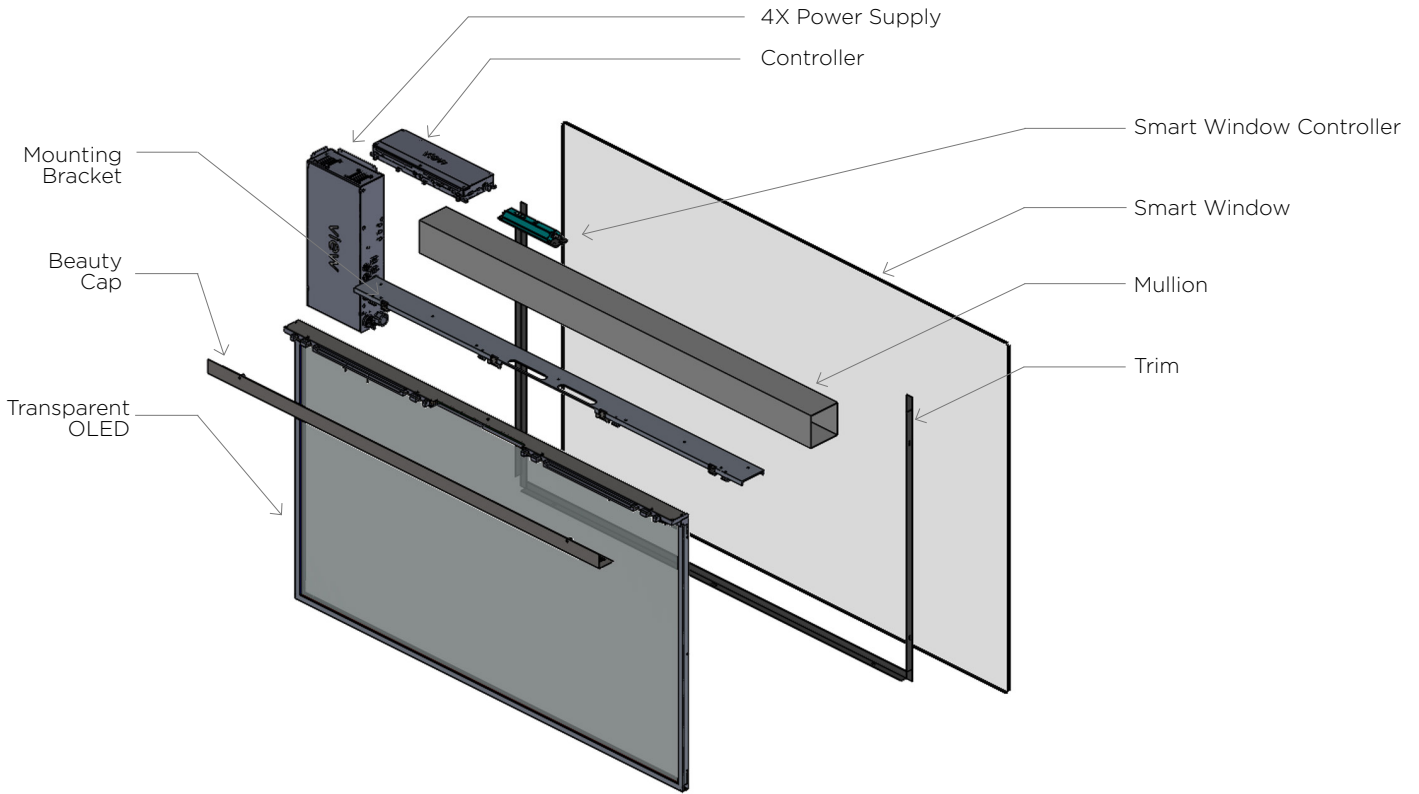


Use Cases

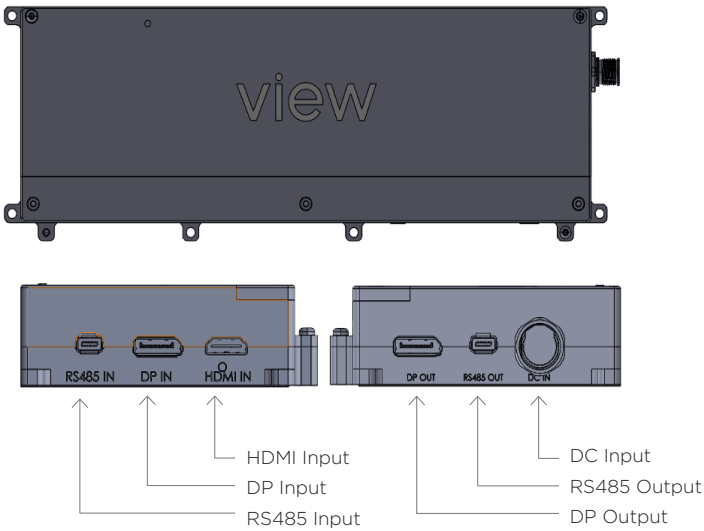
- Executive briefing centers & conference rooms
- Corporate and hotel lobbies
- Airport terminals/gates
- Hospital lobbies and patient rooms
- Arenas/suites/event spaces

*Requires View Net connection

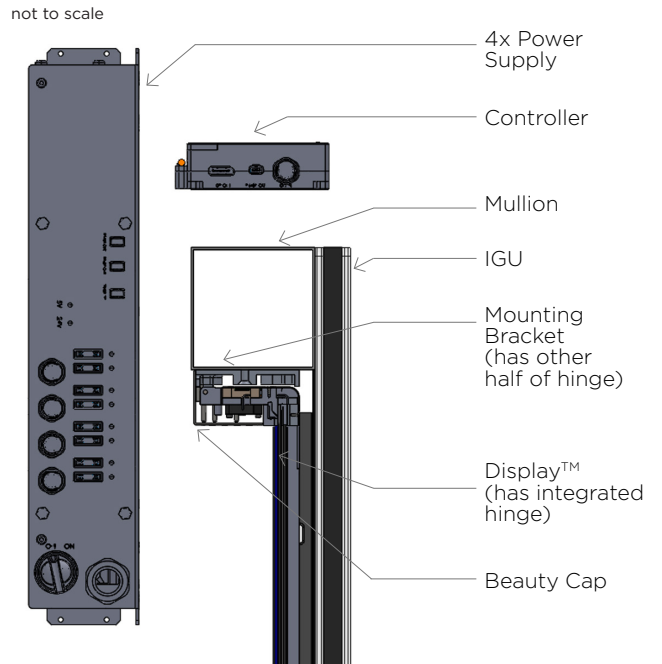
View Display™ Components



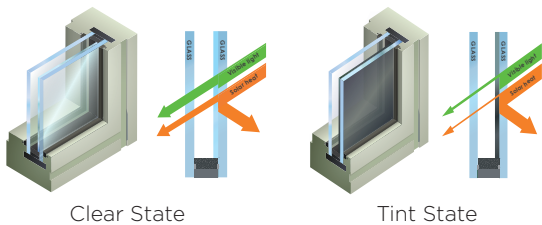
View Display™ Controller - Side View



Components - Side View



Smart Window - Detailed View



Display™ Specifications

Content	Type	Color Active Matrix Organic Light Emitting Diode (OLED) Display	
	Size	55" (1388mm) diagonal	
	Resolution	Full HD (1920 horizontal x 1080 vertical pixel array) 2,073,600 Pixels	
Visual Specification	Pixel Pitch	0.630 mm x 0.630 mm	
	Response Time (G-to-G)	1 ms (Typ) 3 ms (Max)	
	Brightness	150 nit (APL 25/100%) - 400 Max with Reduced Life	
	Transparency (%)	<40%	
	Reflectance (%)	<14%	
	Refresh Rate [Hz]	120Hz	
	Color Depth	10-bit, 1.07 billion colors	
	Color Gamut	120% BT.709	
	Contrast Ratio	150,000 : 1	
	Color Temperature	9,300 K	
	Luminance Uniformity	Min 75%, Typ. 85%	
	Lifetime	30,000 Hrs	
	Storage Temperature	-20 to +65 °C	
	Operating Temperature	0 to +45 °C	
Humidity	10-90%		
Mechanical Specification	Dimension	<ul style="list-style-type: none"> Outside dimensions: 1239 mm x 734.3 mm (48.8" x 28.9") Active Display Area: Horizontal - 1221.4mm (47.61") / Vertical: 680.3mm (26.8") 	
	Surface Protection	Protection Film / Shatter-resistant Film - Hard coating (2H)	
	Weight	38 lb (17.24kg)	
Display™ Controller	Control Box	Dimensions	<ul style="list-style-type: none"> Dimensions: 307.3mm x 106.0mm x 32.5mm (12.1" x 4.2" x 1.3") Keep Out: 360.0mm x 110.0mm x 32.5mm (14.2" x 4.3" x 1.4")
		Input Types	<ul style="list-style-type: none"> HDMI Input - content input (includes HDCP 2.2 and HDMI 2.0 compliance) DisplayPort (DP) Input - content input
	Connectivity	Output Type	DisplayPort (DP) Output - content output to downstream Control Box (multi-display configurations)
		Input Specifications** (HDMI & DP ports)	<ul style="list-style-type: none"> H Frequency Range: 20 - 82KHz V Frequency Range: 55 - 75Hz Maximum resolution: 3840 x 2160 @60Hz (4k) Maximum pixel rate: 594 MHz
		Output Specifications	<ul style="list-style-type: none"> H Frequency Range: 20 - 82KHz V Frequency Range: 55 - 75Hz Maximum resolution: 3840 x 2160 @60Hz (4k) Maximum pixel rate: 594 MHz
		Native Video Wall	<ul style="list-style-type: none"> Video Wall Limit = 25 Displays Input Resolution: <ul style="list-style-type: none"> 3480 x 1260 @60Hz - up to 16 units (4x4) 3480 x 1260 @30Hz - up to 25 units (5x5) 1920 x 1080 @60Hz - up to 25 units (5x5)

** Full EDID Specification available upon request

View Display™ Data Sheet

Display™ Controller	Interface	Control	RS-485 Serial Control Input / Output (IX) (Serial control interface to one or more control boxes)
	Power	Power Input	24 VDC; 11A typ.
		Electrical Configuration	Display™ is wired to Control Box. Maximum cable length 3m (9 ft) from center of hinge to center of Control Box
		Power Configuration	Display™ will be configured in 'always-on' (RS 485 Connection is provided for initial set-up and maintenance)
		Power Consumption	<ul style="list-style-type: none"> Typical: 58.5 W - IEC 62087 (Display™ Panel and Controller) Max: 250 W

Power Hub Specifications

General	Dimensions	<ul style="list-style-type: none"> 403.86mm x 76.2mm x 194.6mm (15.9" x 3" x 7.66") Keep Out: 403.86mm x 76.2mm x 254.0mm (15.9" x 3" x 10")
	Connectivity	<ul style="list-style-type: none"> Input: 100-240VAC, 50/60 Hz, 20A Max Output: 24VDC, 15A Max (fused) x 4 Outputs (4 Displays) View Net: IX connection to NWC or NA RS485 In: IX connection for Customer Comms (Opt) RS485 Out: IX connection for View Display Controller

View Smart Window Specifications

General	Type	Dual Pane / Triple Pane
	IGU strength	Tempered (Inboard & Outboard)
	Dynamic Tint Range	4 preset tint states from 0.50% to 50% visual transparency
	Solar Heat Gain	0.09 (tint 4) to 0.38 (tint 1 - clear)
	UV Rejection	>98% in all states
	Framing Dimensions	<ul style="list-style-type: none"> Compatible with Mullion systems with internal protrusions of 3" (76.2mm) or greater (Curtainwall systems preferred) Capture size: 5/8" (15.9mm) standard DLO: 0" (hinge-side), 1/4" (6.3mm) other sides - standard
	Dimensions (height / width)	Standard sizes: <ul style="list-style-type: none"> 1 to 4 landscape displays (vertical grouping): 50.625" x 120" (1286mm x 3048mm) 2 or 4 portrait displays: 59.5" x 96" (1511.3mm x 2438.4mm) 2 or 4 portrait displays: 59.5" x 120" (1511.3mm x 3048mm)
Dimensions (thickness)	Standard: 1" (25.4mm) Maximum overall thickness: 2" (52mm)	
Power/Control	Connection	<ul style="list-style-type: none"> Peak Power: 12 W Input Voltage: 10-30 VDC Connectivity: Smart Window cable/connector (threaded, 4mm, 5-pin) Controller: View Network Window Controller

Touch Display™ Specification (Optional)

Technology & General Features	Type	InGlass™ interactive display
	Interaction	Supports passive pen or touch (Pen-on-paper experience)
	Latency	< 7ms touch response time
	Multi-user	Multiple users can work at the same time on the display
	Transparency	Visual transparency
	Coverage	Edge-to-edge coverage
	Connectivity	USB-A

Notes: For more information on View Smart Glass and control systems specifications, please visit: <https://view.com/resources#filter=tech-specs>. For full technical specs for View Display™ and Control box, please contact us at sales@view.com.

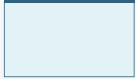


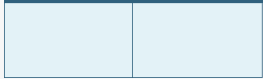
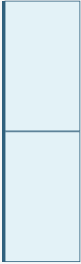
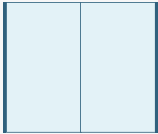
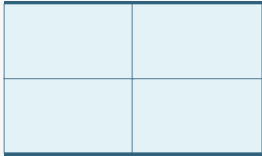
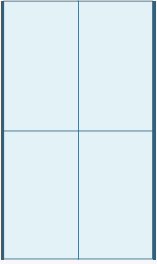
Daylight Opening Requirements

Daylight Opening in the design must account for the clearance between display and mullion, and display to display when multiple displays are included.

When framing in the display installation, so-called “Faux” mullions are used to enclose the display when a DLO is larger than needed.

Mullions surrounding the display provide an important mounting structure for the trim that excludes light and allows for airflow.

Daylight Opening Examples

 <p>Landscape</p> <p>49-1/4" x 29-1/8"</p>	 <p>Portrait</p> <p>29-1/8" x 49-1/4"</p>	 <p>Landscape</p> <p>49-1/4" x 58-1/16"</p>	 <p>Landscape</p> <p>98-1/4" x 29-1/8"</p>
 <p>Portrait</p> <p>29-1/8" x 98-1/4"</p>	 <p>Portrait</p> <p>58-1/16" x 49-1/4"</p>	 <p>Landscape</p> <p>98-1/4" x 58-1/16"</p>	 <p>Portrait</p> <p>58-1/16" x 98-1/4"</p>

Recommended Configurations

Approved Glazing Systems for View Display™

View has focused on the most common Mullion Systems and has determined the products that work best with View Display™. Scan the QR code to view the full list.

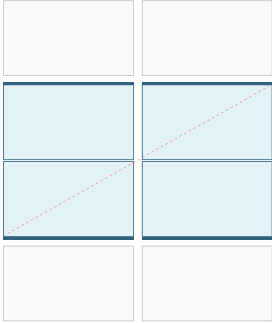
There are many more mullion systems that customers may be able to use. Consult with the View Display™ Engineering team to validate mullions that are not on the approved list.



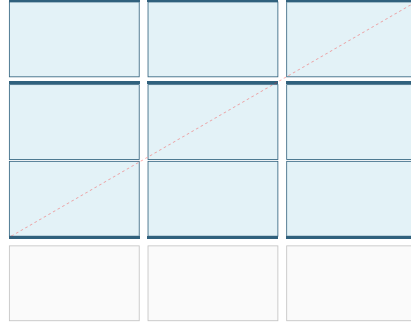
Facade Configuration Examples

Display™ configuration is easy and flexible. There is a wide range of designs and configurations that use from one to twenty-five displays.

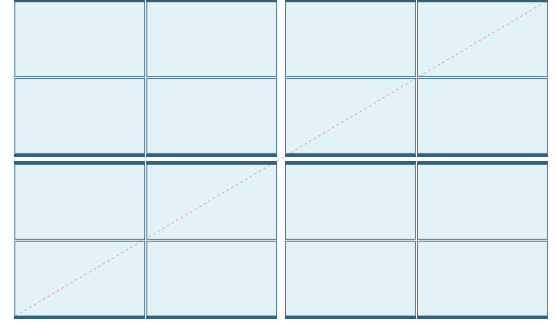
Common 16x9 Configurations



2x2 Displays (16:9)



3x3 Displays (16:9)



4x4 Displays (16:9)

Example Configurations

