**Product** **Specifications**

**Einsteinium SERIES**

**Outdoor P4.8 Wall Mountable LED display**

![A picture containing computer, person

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**![A screen shot of a person

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**Overview**

Vanguard’s Einsteinium Series is a wall mountable outdoor rated LED Display cabinet. Available in P2.8, P3.9, P4.8 and P5.9 Einsteinium has a solution available regardless of the application. Directly wall mountable and fully front serviceable the Einsteinium series makes outdoor installations easier than ever. IP65 rated on the front side with IP54 protection on the back allows for a cabinet that can weather the storm.

**Additional Features**

* Fully front serviceable.
* Directly wall mountable.
* Easy installation.
* Light sensor and brightness scheduling available.
* IP65/54 Rating
* Superb color & brightness uniformity
* Refresh rates up to 3840Hz
* Contrast Ratio: 3000:1.

**Specifications**

Einsteinium Outdoor P4.8

ENVIRONMENTAL

Operating Temperature -10°C to +50°C

Storage Temperature -20°C to +60°C

Operating Humidity 20% to 90% RH

LED

Pixel Density 43,264/m²

LED Type SMD1R1G1B

Modules Per Cabinet 4

Lifetime to Half Brightness (L50) 100,000

Contrast Ratio 3,000:1

Brightness 6000 Nits

Viewing Angle 140° x 140°

CABINET

Cabinet Material Die Cast Aluminum

Cabinet Size 19.69” x 19.69” x 3.3”

Cabinet Resolution 104 x 104

Modules Per Cabinet 1

Cabinet Weight 19.2 lbs.

Service Access Front

IP Rating IP65/54

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INTERNAL OPERATION

Gray Scale 16bit

Refresh Rate >3840Hz

Frame Frequency 60Hz

AC POWER

Source Voltage 100-240V, 50/60Hz

Max Power Consumption 200W

Avg. Power Consumption 100W