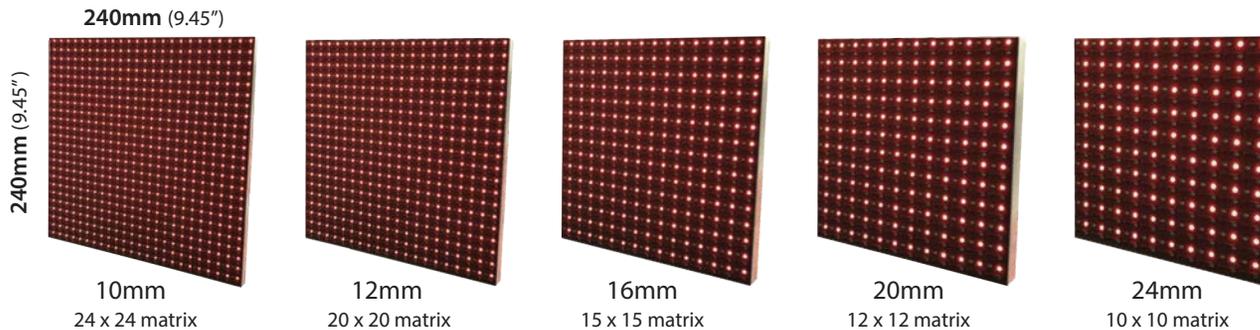




Raven™ FLEX Grayscale Series

The FLEX Series is designed and built to grow with your organization. All our available pitches from 10mm to 24mm fit into **one universal module size featuring our FLEX240 LED Module.**

Future Proof: Our dynamic grayscale displays will bring your target audience closer with simple to read text messages and impressive image and video quality to help increase traffic and boost sales. As you grow, the Flex Series grows with you, giving you the **flexibility to upgrade to a higher resolution or to full color** by simply swapping out the modules and adding power supplies; no need to install a whole new display or get a new sign permit.



LEDs Per Pixel: 1
Colors: 4096 shades (available in Red or Amber)
Viewing Angle: 160 degree
Brightness: 10,000 Nits (adjustable)
Contrast Ratio: 1000:1
Frame Rate: 60 fps
Graphic Capability: Text, Animations, Graphics & Video

Dimming Levels: 100
Scanning Rate: 1200+ Hz
Average LED Life: 100,000 hours
Serviceability: Quick release half turn latch system with Allen Key. Snap-on connectors for data and power.
Construction: Aluminum cabinet
Mounting: 2" or 3" x 3/16" thick continuous steel angle top& bottom

Weather Rating: Conformal coated components / IP65 Front
Software: SM Infinity™ Cloudware or LightSpeed™ Local Software
Certification: ETL / UL 48
Warranty: Up to 7 year parts
On-site Service: Up to 7 years onsite



Safety, Care, and Pride

ETL certified & tested to be safely operated outside, RoHS compliance means Restriction of Hazardous Substances.
- Designed, Engineered, and Built with pride in the USA

Engineered Cabinet

Designed and built in the USA to ensure strength and weatherability.

- Extruded aluminum construction with steel supports to minimize weight while maximizing strength.
- Industry Proven Powder Coat, or use our custom Dragon Skin coating available on request.
- Borderless construction to improve installation options and maximize square footage. Custom borders available on request.



LED Modules

Tiles of high quality LED's that connect together to create the display area.

- Deflective louver system shade LEDs & increase contrast.
- Two half-turn connection points for easy front access & serviceability for faster repairs and less downtime.
- Neoprene seals adjust to weather & do not crack ensuring longer performance.



Power Supplies

Converts AC power to DC power.

- Conformal coating protects from corrosion & oxidation and increases its durability by 25%.
- Voltage and temperature safeguards mean fewer service issues, and longer lasting systems.

REVOLUTION™ Controller

Android-Based Operating System.

- Quad-core processor with embedded hard drive for greater reliability.
 - Can integrate with audio or live video or custom applications.
 - Auto backup of content on the cloud with SM Infinity™.



Wireless Radios

Secure transmission using paired devices at the building and sign.

- Pre-configured at the factory to plug n play.
- Allows more freedom in choosing where to install LED sign.
- No trenching for a data cable through parking lots or sidewalks.



Continuous Steel Angle

High strength steel used to mount the display to any structure.

- 3/16" thick steel allows mounting anywhere as oppose to clips.
- Located along top and bottom edges to support a variety of connection points.
- Angle is inset from the edge to help hide fasteners.

Power Connection

Pre-wired for 120 VAC or 240 VAC.

- External power whip provided for easy hookup.
- Power requirements clearly documented and labeled.



Master/Slave Connection

Mirrors the content from the master side to the slave side.



Internal Exhaust Fans

Regulates temperature and eliminates moisture inside display.

- Fans only turn on when it gets hot and turn off when desired temp is achieved.
- This helps reduce corrosion making the components last longer.



SM Infinity™ Cloud-Based Software Included

Allows complete control of LED sign from any Internet-connected PC, Mac, Mobile, or iPad with SM Infinity App. Other features include Doodle™ online message editor, multiple users, automated amber alerts, & access to professional content creation.

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