**RGB Rebel Series Smart Sign Display**

The RGB Rebel Series Smart Display is an outdoor LED programmable display sign. These programmable message signs are ideal for communicating with pedestrians and vehicles moving at slow to moderate speeds. This sign series is capable of displaying full-color graphics, including logos and symbols.

The Signal-Tech Sign Control Software operates these signs; therefore, they can be controlled remotely from a central location. Set up a schedule or change the message with ease through a simple button click. The RGB Rebel Matrix Display is perfect for any application because it pairs function with beauty as it boasts easy-to-use software and a sleek, easy-to-install sign.

It is engineered for outdoor use and features an extruded aluminum, hinged-faced cabinet with a contrast-enhancing polycarbonate face to reduce glare and enhance message readability. All message displays are conformally coated to protect the electronics from the environment.

**Product Specs**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Product #** | **60356** | **60372** | **60371** | **60376** |
| **Display** | 16 x 48 Pixel Display | 16 x 64 Pixel Display | 16 x 96 Pixel Display | 16 x 128 Pixel Display |
| **Pixel Pitch** | 11mm | 11mm | 11mm | 11mm |
| **Character Height (Using the included pixel-perfect fonts and symbol library (inches)** | 3" LED Small | 3" LED Small | 3" LED Small | 3" LED Small |
| 6.5" LED Large | 6.5" LED Large | 6.5" LED Large | 6.5" LED Large |
| 13.4" LED Extra Large | 13.4" LED Extra Large | 13.4" LED Extra Large | 13.4" LED Extra Large |
| **Amps @ 120 VAC** | 0.88A | 1.18A | 1.76A | 2.35A |
| **Power (Watts)** | 105 | 142 | 210 | 282 |
| **Cabinet Dimensions** | 8.25"h x 22.25"w x 6"d | 8.25"h x 29.25"w x 6"d | 8.25"h x 43.25"w x 6"d | 8.25"h x 57.25"w x 6"d |
| **Weight (lbs.)** | 23lbs. | 26lbs. | 38lbs. | 48lbs. |
| **Product #** | **59334** | **60375** | **60355** | **60373** |
| **Display** | 32 x 128 Pixel Display | 32 x 64 Pixel Display | 32 x 96 Pixel Display | 32 x 128 Pixel Display |
| **Pixel Pitch** | 5.5mm Pixel Pitch | 11mm Pixel Pitch | 11mm Pixel Pitch | 11mm Pixel Pitch |
| **Character Height (Using the included pixel-perfect fonts and symbol library (inches)** | 1.5" LED Small | 3" LED Small | 3" LED Small | 3" LED Small |
| 3.25" LED Large | 6.5" LED Large | 6.5" LED Large | 6.5" LED Large |
| 6.7" LED Extra Large | 13.4" LED Extra Large | 13.4" LED Extra Large | 13.4" LED Extra Large |
| **Amps @ 120 VAC** | .67A | 2.35A | 3.53A | 4.71A |
| **Power (Watts)** | 80 | 282 | 424 | 565 |
| **Cabinet Dimensions** | 8.25"h x 29.25"w x 6"d | 15.25"h x 29.25"w x 6"d | 15.25"h x 43.25"w x 6"d | 15.25"h x 57.25"w x 6"d |
| **Weight (lbs.)** | 31lbs | 40lbs. | 55lbs. | 70lbs. |
|  |  |  |  |  |
|  |  |  |  |  |
| **Specifications *(11mm & 5.5mm)*** | |  |  |  |
|  |  |  |  |  |
| **RGB 11mm Pixel Pitch** |  |  |  |  |
|  |  |  |  |  |
| **Pixel Configuration (High Intensity):** | 1 Red, 1 Green, 1 Blue for standard resolution | **Pixel Pitch:** | 11mm (center-to-center) |  |
|  |  |  |  |  |
| **RGB 5.5mm Pixel Pitch** |  |  |  |  |
|  |  |  |  |  |
| **Pixel Configuration (Standard Intensity):** | 3 in 1 - Red/Green/Blue Fusion for high resolution | **Pixel Pitch:** | 5.5mm (center-to-center) |  |
|  |  |  |  |  |
| **Shared Specs** |  |  |  |  |
|  |  |  |  |  |
| **Estimated LED Lifetime:** | 100,000+ hours | **Color Capability:** | 65,000 colors (16-bit) |  |
| **Viewing Angle:** | Wide | **Service Access:** | Front access |  |
| **Graphic Capability:** | Text, Graphic symbols, Logos, Basic Animation | **Graphic Accessibility:** | Built-in library with hand-crafted pixel-perfect fonts and symbols for ultimate resolution |  |
| **Control Software:** | Signal-Tech Sign Control Software | **Power Input:** | 100-240 VAC |  |
| **Communications Options:** | Ethernet | **Compliance Information:** | UL/cUL for wet locations |  |
| **Display Dimming:** | Manual Only | **Cabinet (Housing):** | Front hinged, NEMA3R enclosure |  |
| **Operating Temperature:** | 32ºF to 158ºF | **Warranty:** | 1 year |  |
| **Cabinet Color:** | Duranodic Bronze |  |  |  |
|  |  |  |  |  |

**Protection and Maintenance**

* Durable corrosion-resistant aluminum cabinet
* Conformal coating protects electronics components from outside elements including dust
* Hinged cabinet face supports easy installation and maintenance
* UL/cUL Listed for wet locations

**Sign Control Software**

* Ethernet communications
* Compatible with Windows® 10 or higher
* Uses a looping weekly playlist for easy scheduling
* Includes a password-protected web interface that offers live access for monitoring sign status and the ability to temporarily override the message schedule

**System Requirements**

**RGB Rebel Series Smart Sign Display**

* 110-240VAC input power connection at each Smart Sign
* A wired Ethernet network connection at each sign
* Static IP lease on a DHCP-enabled network

**Computer Requirements for Sign Control Software**

* Server-grade PC with power backup running Windows 10 or Windows Server 2012 or higher.
* Minimum requirements: 8GB RAM and 128 GB of hard drive space
* Network requirements: Ethernet, DHCP enabled