



Diamond Series TYPE R

P6.25 Indoor Rental
LED Display Solution



Product Features



LIGHT WEIGHT



LOW ENERGY



EASY INSTALL



CONTRAST



HIGH REFRESH RATE



SPEEDY CONFIGURATION



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Perfectly Aligned Images

The Diamond Series - Type R creates uniform, high-quality images with accurate color and brightness uniformity. Thanks to its unique cabinet design, the Diamond Series - Type R ensures easy and accurate alignment during rental and staging applications. The simplified mechanism enables efficient assembly in show conditions.

Ultimate Functionality

Combined with high-quality close-up viewing and wide visual viewing angles, the Diamond Series - Type R is suitable for all rental and staging environments. With flexible 500cm x 500cm cabinet design, the Diamond Series - Type R opens up a new world of creative possibilities for staging events. At 8kg per panel, the light-weight design enables easy transportation.

Built for Stage

By using user-friendly calibration software, it adopts accurate pixel by pixel brightness and color calibration for quick setups. Moreover, using double backup system allows instantaneous swap over in critical show conditions. Utilizing special controllers and driving ICs to guarantee a high refresh rate of 1200 Hz, creating the best image for live broadcast applications.

Product Specifications

| Item | Specification |
|-----------------------------------|---|
| Pixel Pitch | 6.25 |
| Drive IC | SUM2016 |
| Pixel Configuration | SMD |
| Cabinet Dimensions (mm) | 5000(W) x 5000(H) x 600(D) |
| Physical Resolution (Pixels) | 80(W) x 80(H) |
| Physical Pixels (Total Pixels) | 25600 |
| Weight(kg) | 8 |
| Cabinet Material | Die-Cast Aluminum |
| Brightness(nits) | 2000 |
| Viewing Angle | Horizontal: 150° Vertical: 110° |
| Brightness Control | 256 levels (manual) 8 levels (automatic) |
| Grey Scale | 14 bits per color |
| Colors Capability | 30 bits |
| Refresh Rate (Hz) | 1200 |
| Input Voltage | AC220V/50Hz or AC110V 60Hz |
| Life Span (Typical Use) | >100,000 Hours |
| Ingress Protection | IP31 |
| Operating and Storage Temperature | -20°C - 50°C |
| Data Transmission | Unshielded Twisted pair Net Cable (Up to ~130m) / Multi Mode Fiber Optics (Up to ~500m) |

About Optiz-Opto Display

Our products are marketed world-wide with a few qualities in mind: Quality, Environmental Friendly and Reliable. Suitable for many applications such as Sports, Education, Commercial, Entertainment, Government, House of worship and TV Studios.

OptiZ was founded with single key objective, to innovate the LED Display technology of the future in order to advance the capabilities of large image display. Since our company first took up this challenge, we have worked closely with our customers to assure our products create the most stunning imagery possible within every application.

What we do

