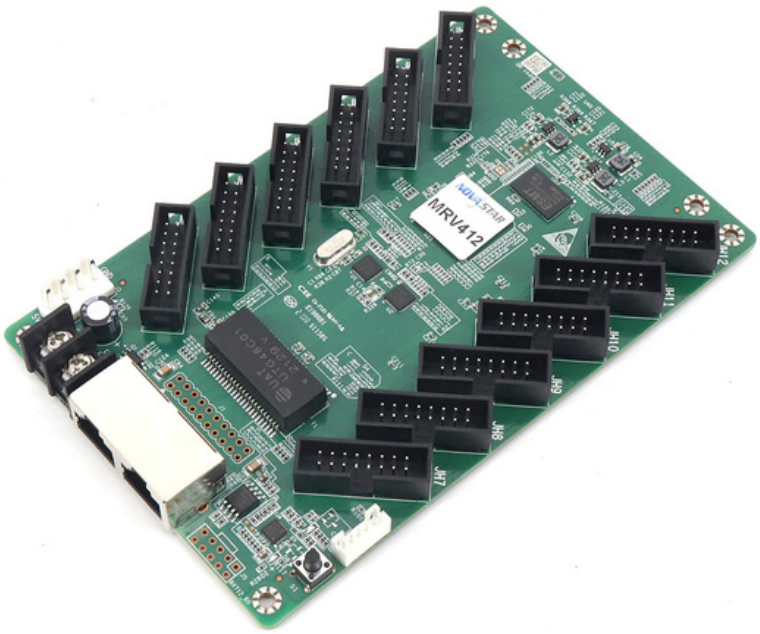
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Product Specifications

Receiving Card

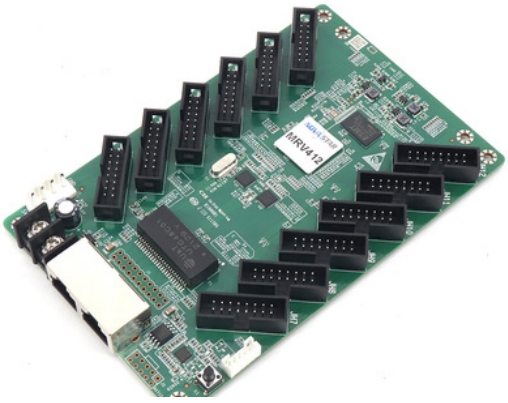


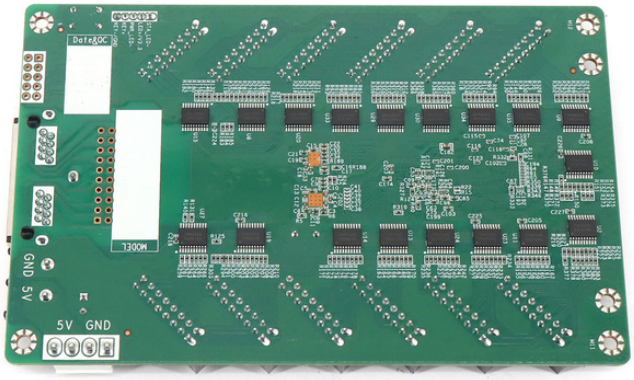
MRV 412

Overview:

NovaStar created the affordable receiving card known as the MRV412. Resolutions up to 256256@60Hz, 512384@60Hz, and 512512@60Hz are supported by a single MRV412. With its support for a number of features like 3D, rapid adjustment of dark or bright lines, and pixel-level brightness and chroma calibration, the MRV412 may considerably enhance the display effect and user experience.

High stability is achieved by the MRV412's usage of standard 8/12/16 HUB75E/HUB320 connections for communication. It supports simultaneous RGB data groups of up to 16/24/32. The MRV412 has increased electromagnetic compatibility and is appropriate for a variety of on-site installations thanks to its EMC compliant hardware architecture.





Features of MRV-412

- **Color control:** To enable more accurate colors on the screen, change the color gamut of the display between different gamuts.

- **18Bit+:** Enhance the grayscale of an LED display by four times to prevent grayscale loss from low brightness and to create a smoother image.

- **Pixel-level calibration for brightness and chroma:** The receiving card supports brightness and chroma calibration on each LED in conjunction with NovaLCT and NovaCLB, which can efficiently eliminate color differences and significantly enhance LED display brightness and chroma consistency, resulting in higher image quality.

- **Quick adjusting of bright or dark lines:** To enhance the visual experience, the dark or bright lines created by the splicing of modules or cabinets can be changed. The change is simple to make and becomes effective right away.

- **3D capability:** The receiving card supports 3D output when used in conjunction with the sending card that can perform 3D functions.

- **Individual RGB gamma adjustment:** Receiving cards with individual red, green, and blue gamma adjustments are compatible with NovaLCT (V5.2.0 or later) and sending cards with this feature, which may effectively manage image nonuniformity under low grayscale and white balance offset and produce a more realistic image.

- **Image rotation in steps of 90°:** The display image can be rotated in increments of 90 degrees (0°, 90°, 180°, or 270°).

Specifications:

Specifications	Description
Maximum Resolution	512×512@60Hz
Input voltage	DC 3.3 V to 5.5 V
Rated current	0.5 A
Rated power consumption	2.5 W
Operating Environment Temperature	–20°C to +70°C
Humidity	10% RH to 90% RH, non-condensing
Storage Environment Temperature	–25°C to +125°C
Dimensions	145.7 mm × 91.5 mm × 18.4 mm
Net weight	93.1 g
Gross weight	12.9 kg
Packing box dimensions	650.0 mm × 500.0 mm × 200.0 mm