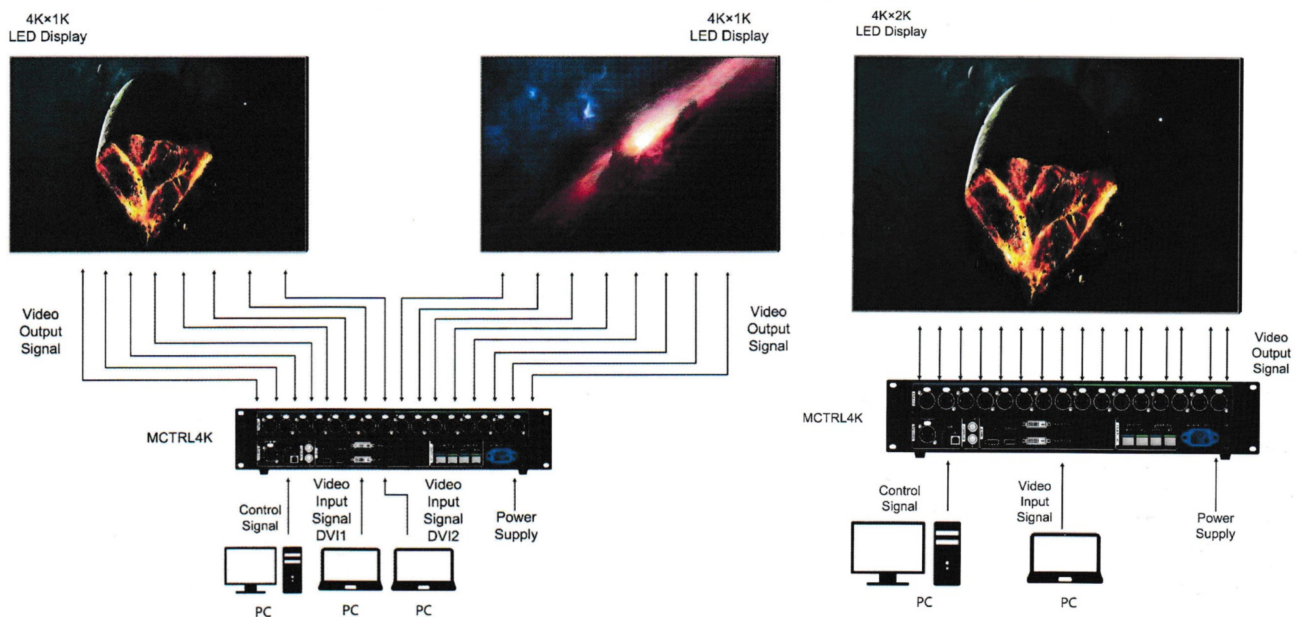


4K Processor MCTRL4K



The MCTRL4K is a 4K×2K independent controller developed by NovaStar. With up to 3840×2160@60Hz loading capacity of a single unit, it can support any custom resolution within this range as required, thus meeting the on-site configuration requirements of super-long or super-large LED displays.



- 1 × DP 1.2 input and 1 × HDMI 2.0 input, resolutions up to 8.8 million pixels per input
- 2 × D-DVI inputs, total resolutions up to 8.3 million pixels
- 16 × Neutrik Gigabit Ethernet ports and 4 × 10G optical ports for output
- Supported video bit depths: 8-bit, 10-bit and 12-bit
- Supports both mosaic and multi-card working modes for dual-link DVI inputs.
- Supports HDR function, both in HDR10 and HLG standards.
- Supports individual Gamma adjustment for RGB when the bit depth of input source is 10-bit or 12-bit.
- Supports 3D function when working with the 3D emitter EMT200 and 3D glasses.
- Low latency: Less than 1 ms (when the start position of image is 0.)
- Supports ultra-high resolution settings with NVIDIA graphics card.
- Adaptive to inputs with decimal frame frequencies, including 23.98 / 29.97 / 47.95 / 59.94 / 71.93 / 119.88 Hz
- Supports the new generation of pixel level calibration technology of NovaStar.
- Supports screen configuration via Web interface.
- Multiple MCTRL4K units can be cascaded together for uniform control.
- Supports a variety of video formats