MCTRL660

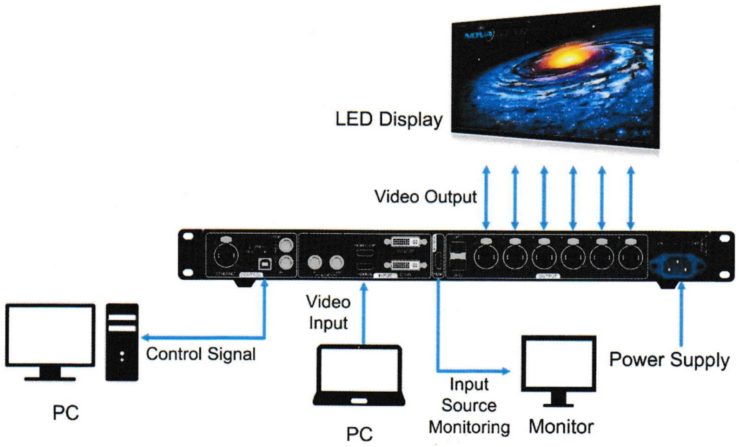
The MCTRL660 PRO is a professional controller developed by NovaStar. A single MCTRL660 PRO has a loading capacity of up to 1920×1200@60Hz. It supports custom resolutions with the width up to 3840 pixels and height up to 2560 pixels, which meets configuration requirement of ultra-large

- Input of ultra-high colour depths: 10-bit/12-bit RGB 4:4:4/YCbCr 4:4:4, with input resolutions up to 1920x1080@60Hz
- Low latency: Less than 1ms (when the start position on image is 0.)
- Auto LED screen configuration
- Web control
- Image mirroring
- Dual working modes: working as sending card and fiber converter
- Pixel level brightness and chroma calibration
- Supports individual Gamma adjustment for RGB when the colour depth of input source is 10-bit or 12-bit
- Monitor of input
- One-click backup and recovery
- Multiple MCTRL660 PRO units can be cascaded

Scenario 1: Application of Sending Card Mode

On the OLED menu screen, choose **Working Mode** > **Sending Card**. This mode uses the optical ports or Gigabit Ethernet ports to output video signals.

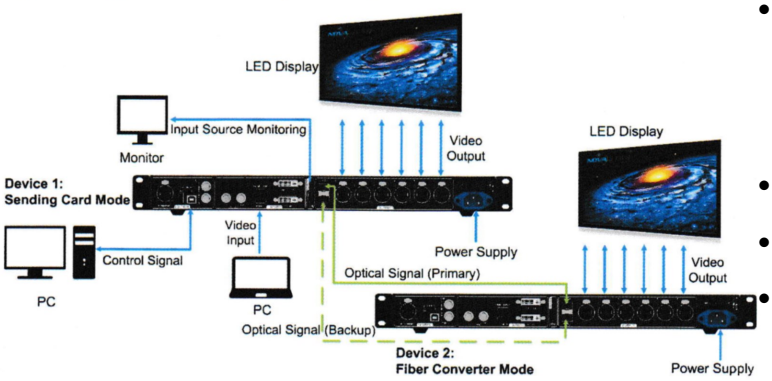
Figure 3-1 Application of sending card mode



Scenario 3: Application of Dual-Output Working Mode

Set the working mode for the two devices respectively, as shown in Figure 3-3. Device 1 uses the optical ports and Gigabit Ethernet ports to output video signals at the same time.

Figure 3-3 Application of dual-output working mode



Scenario 2: Application of Fiber Converter Mode

Set the working mode for the two devices respectively, as shown in Figure 3-2. Device 2 uses the optical ports (for input/output) and Gigabit Ethernet ports (for output/input) to realize optical and electric signal conversion, which allows for long-distance signal transmission.

Figure 3-2 Application of fiber converter mode