



GT-WD-27 Video Wall Driver

The GT-WD-27 Video Wall Driver is an advanced solution for creating stunning video walls, featuring a robust 4-input and 10-output configuration. This processor excels in multiview capabilities, allowing users to switch seamlessly between inputs with fast, clean transitions. It includes essential features like scaling, customizable screen layouts, and audio switching, with an analog audio output in addition to embedded HDMI audio. The user-friendly web interface, along with RS-232, RS-485, and RS-422 control options, ensures effortless integration and management. With built-in bezel correction and picture adjustment options, as well as HDCP and EDID configuration, the GT-WD-27 is designed to deliver high-quality visuals for any professional application.

Feature:-

- **Fast Switching** : Quickly switch between input channels and combine multiple source images on the video wall.
- **Versatile Configuration** : Supports any wall configuration with up to 10 displays, including 1×10, 2×5, 3×3, 5×2, etc.
- **HDMI 2.0 Compatibility**: Handles HDMI 2.0 signals with Deep Color and HDCP 2.2 sources.
- **High Resolution Support** : Input and output resolutions up to 4K @60Hz with 4:4:4 color sampling.
- **Dynamic Scaling** : Scales up and down to any resolution, maintaining up to 4K @60Hz, 4:4:4 color sampling.
- **Flexible Layout Options** : Offers PiP, PoP, quad-view, and multiple customized screen layout configurations.
- **Rotation Capability** : Supports rotation (90° and 270°) in full screen layout.
- **Bezel Correction**: Integrated bezel correction for seamless image display across screens.
- **Audio Output** : Features stereo audio output for enhanced sound integration.
- **Multiple Control Options** : Control via web UI, RS-232, RS-485, RS-422, and telnet for versatile management.
- **Easy Firmware Upgrade** : Allows firmware upgrades via USB port for future enhancements.
- **Redundant Power Supply** : Dual built-in power supply for increased reliability and uptime.

| Category | Specification |
|---------------------------------------|---|
| Inputs | 4 x HDMI 2.0 |
| Outputs | 10 x HDMI 2.0 |
| Audio Output | Terminal block 3 pole, stereo |
| Image Processing Input Resolutions | 4096 × 2160p (60Hz, 50Hz, 24Hz), 3840 × 2160p (60Hz, 50Hz, 30Hz, 25Hz, 24Hz), |
| | 2560 × 1080p (60Hz), |
| | 1920 × 1080p (60Hz, 50Hz, 30Hz, 25Hz, 24Hz), |
| | 1920 × 1080i (60Hz, 50Hz), |

| | |
|----------------------------------|---|
| | 1280 × 720p (60Hz), 720 × 480p (60Hz, 50Hz), 720 × 576p (50Hz), 640 × 480p (60Hz, 50Hz) |
| Input and Output Chroma Sampling | 4:4:4 |
| Output Color Depth | 24 bpp |
| Video Bandwidth | Up to 18 Gbps |
| Output Resolutions | 4096 × 2160p (60Hz, 50Hz), 3840 × 2160p (60Hz, 50Hz, 30Hz), 2048 × 2048p (57Hz), 1920 × 1200p (60Hz), 1920 × 1080p (60Hz, 50Hz, 30Hz), 1600 × 1200p (60Hz), 1280 × 720p (60Hz, 30Hz) |
| HDMI Compliance | HDMI 1.4 and HDMI 2.0 |
| HDCP Compliance | HDCP 1.4 and HDCP 2.2 |
| Control | RS-232 / Telnet: 1 x D9 female connector RS-485 / RS-422: 5-pole terminal block Ethernet Port: 1 x RJ-45 Web Interface: Embedded Web UI |
| Power | Dual (Redundant) Power Supplies: 100-240V AC 50/60Hz 205VA |
| Power Consumption | 205 VA |

