Input

Connector	Quantity	Description
DVI	4	Four DVIs are all single-link DVI connectors by default. 4 × DVI inputs Each DVI: Input resolution up to 1920×1200@60Hz, downward compatible 4 DVI input sources constitute 1 input source (DVI MOSAIC). In dual-link mode DVI 1 and DVI 3 are dual-link DVI connectors while DVI 2 and DVI 4 are unavailable. DVI 1/DVI 3: Input resolution up to 3840×1080@60Hz, downward compatible
12G-SDI	2	Input resolution up to 4096×2160@60Hz, downward compatible
DP 1.2	1	Input resolution up to 3840×2160 @60Hz, downward compatible
HDMI 2.0	1	Input resolution up to 3840×2160 @60Hz, downward compatible

Output

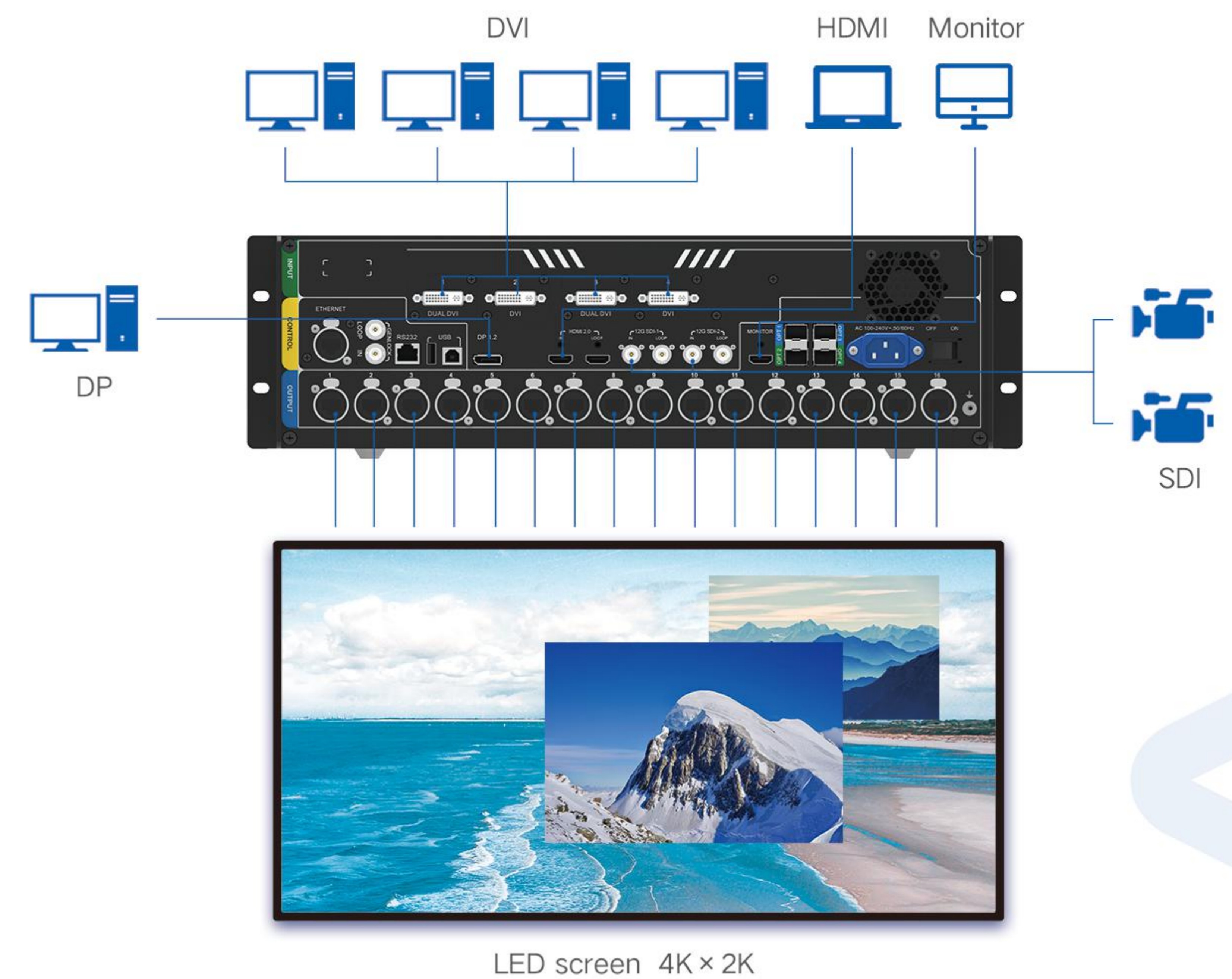| Connector	Quantity	Description
Ethernet port	16	16 × Neutrik Gigabit Ethernet output connectors, allowing for a loading capacity of up to 10,400,000 pixels
OPT 1–4	4	10G optical connectors OPT 1 transmits data of Ethernet ports 1–8. OPT 2 transmits data of Ethernet ports 9–16. OPT 3 serves as the hot backup for OPT 1. OPT 4 serves as the hot backup for OPT 2.
HDMI 2.0 LOOP	1	HDMI loop output connector Only 1 level of device cascading supported EDID management
12G-SDI LOOP	2	SDI loop output connectors
MONITOR	1	HDMI connector for output monitoring Resolution up to 1920×1080@60Hz

NovaPro UHD Jr

Real 4K All-in-One Controller

DVI　　　HDMI　Monitor

DP

SDI

LED screen 4K × 2K

NovaPro UHD Jr is NovaStar's brand new video controller, combining 4K processing and 4K sending into a single all-in-one marvel of technology. With unrivaled processing ability and excellent loading capacity, the NovaPro UHD Jr brings you an amazing viewing experience.

Amazing definition, for excellent visuals

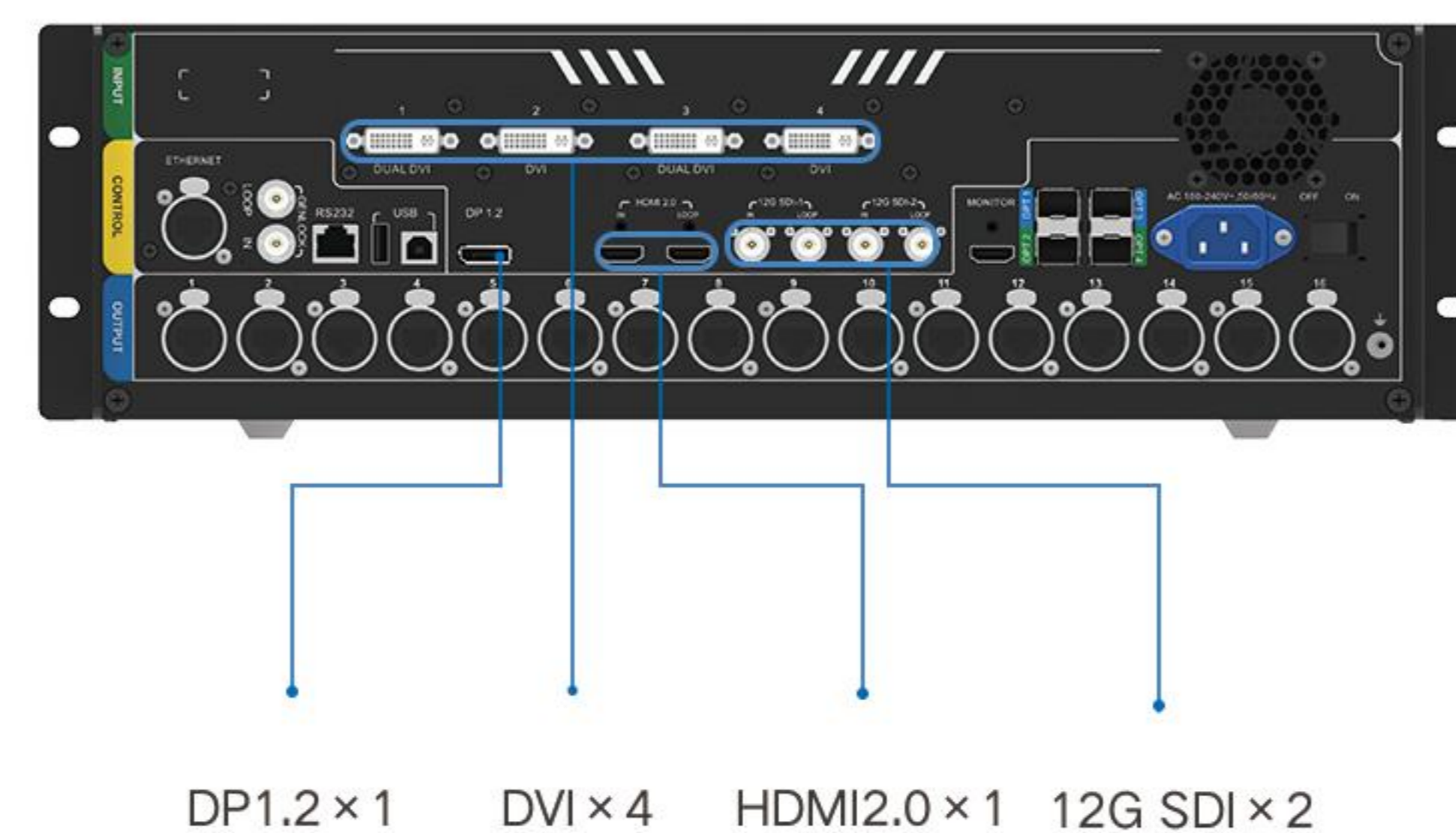- 8K×1K / 4K×2K, free scaling to any size with crisp post-scaled image.

- HDR (High Dynamic Range) support. Wide color gamut and high contrast for the ultimate visual experience.
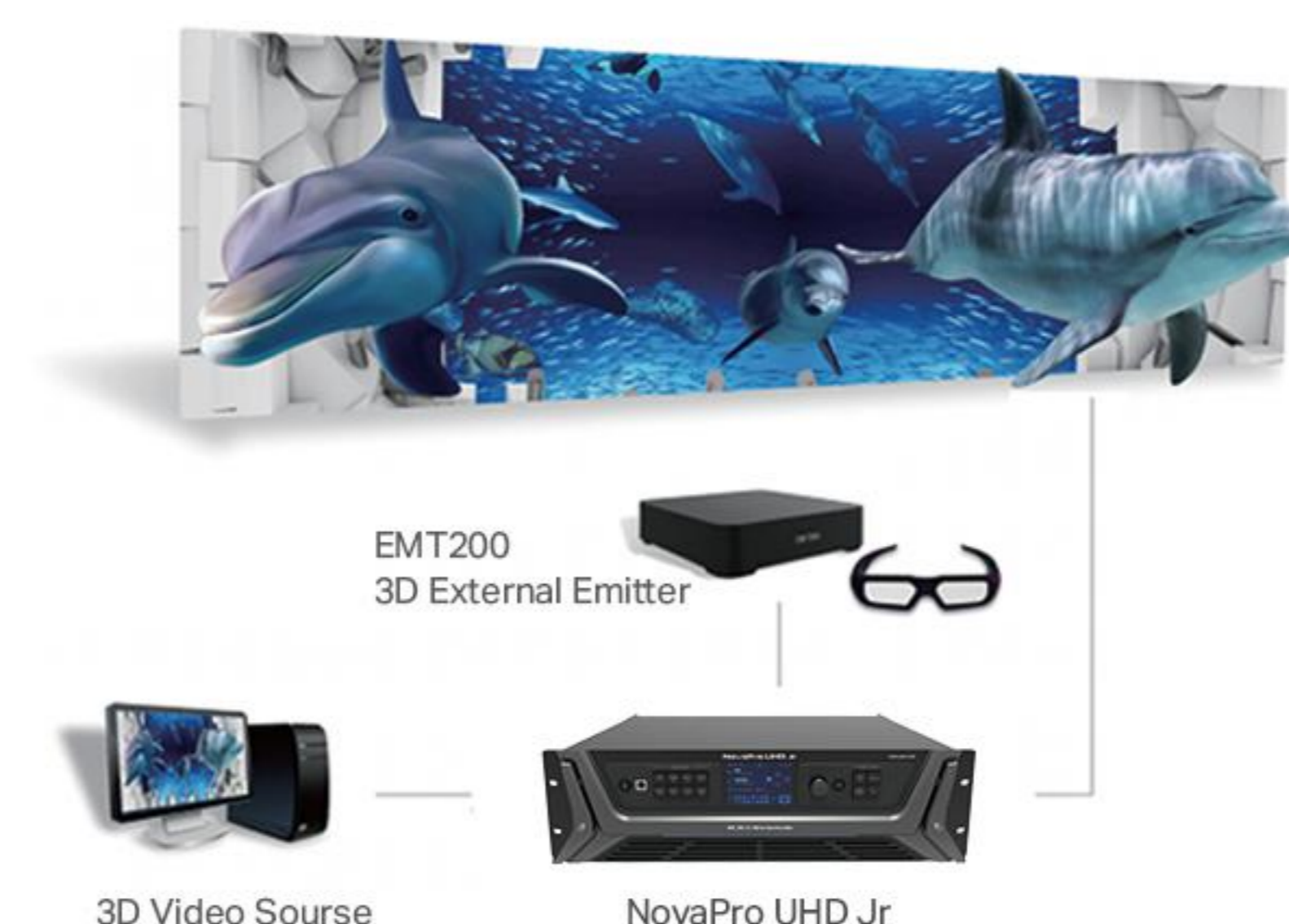
WITH HDR　　　　　　　　　WITHOUT HDR

Real 4K, meeting the needs of the future

- Real 4K inputs DP 1.2 ×1, HDMI2.0 × 1, 12G SDI × 2 DVI × 4.

- 4 × DVI inputs - Support linking together into a single independent 4K × 2K/8K × 1K input.

- 16 × Neutrik Ethernet ports and 4 optical ports, reaching 10 .4 million pixel loading capacity.

DP1.2 × 1　　DVI × 4　　HDMI2.0 × 1　12G SDI × 2

All the features you need for total functionality

- Support flexible layout of 3 layers.

- Genlock, ensuring that multiple linked units maintain synchronization.

- Ultra-low latency, making sure the display matches the live action.

- Supports 3D function with scaling and splicing

EMT200
3D External Emitter

3D Video Sourse　　　NovaPro UHD Jr

Simple operation for efficiency and flexibility

- Works as either sending card or optical converter useful for long-distance transmission.

- Support Capture source image as BKG display.

- Support for V-Can operation software, SmartLCT NovaLCT mapping software.

SmartLCT　　　　V-Can　　　NovaLCT-Mars