

PJMAX-OUT HD2 H-CAT splicing output card



Features

- 2 channels high speed RJ45 interface output, 2 channels 6PIN Phoenix Interface.
- Support image splicing function.
- Maximum 100 meters output distance with Cat5e/Cat6 cables.
- Support hot-swap function.
- Support IR serial port output; I/O switching card optional; support IR serial port switching.
- Compatible with H-CAT protocol.
- Support POC power supply: needs to work with POC power supply and only available for models with 3636 or bigger size.
- Support 2 channels twisted pair image splicing output; support onboard RS232, IR interfaces
- 4 windows are supported on one single screen; signals can overlap with each, roam, and be zoomed in any scales.

Specifications

| The parameter name | PJMAX-OUT HD2 | |
|---|--|---|
| Connector | 2 high speed RJ45 socket and 2 6-PIN phoenix jacket | |
| Input/output of LINK connector | Protocol | H-CAT protocol |
| | Pixel bandwidth | 165MHz, full digital |
| | Interface bandwidth | 2.25Gbps, full digital (a total of 6.75Gbps, each color is 2.25Gbps) |
| | Maximum support resolution | HDPC: 1920x1200P@60, HDTV: 1920x1080P@60; |
| | Control scale | One machine can maximally control 144 screens and multiple groups of screens; supports 128 presets saving and fast recall |
| | Signal type | High speed contrast signal defined in H-CAT protocol |
| | POC | Support PoC (+48V): the PoC function is only available when working with CREATOR CAT5 series transmitters, the input interface of this card can provide power supply via network cable. Note: this card cannot work with receiving devices that have PoC power supply |
| | Impedance | 50 Ω |
| | EDID | N/A |
| | Maximum DC offset error | 15mV |
| Recommended maximum input/output distance | Less than 100 meters (1600x1200@60), recommend use certified NEXANS CAT5e/6 wire | |
| The product weight | About 0.5KG | |
| Maximum power dissipation | 22W | |

PJMAX-OUT SF4 Fiber optic splicing output card



Features

- 4 single-core fiber-optic outputs.
- Support videowall signal processing function.
- Support hot-swapping function.
- Support 4 single-core fiber-optic seamless outputs; maximum supported resolution is up to 1920*1200@60HZ when working with CR-uSF COMP 300R.
- Working with the fiber-optic transmitters can realize maximum 300 meters (multi-mode) or 20 kilometers (single-core) transmission distance.
- Support 2 windows on 1 single screen; signals can be overlapped, roamed, and displayed in random scale.

Specifications

| The parameter name | PJMAX-OUT SF4 | |
|---------------------------|--|--|
| Connector | 4 high-speed single core SC fiber connectors | |
| Video | Fiber connector | SC connector |
| | Fiber type | Multimode/Single mode (selectable) |
| | Wavelength | Multimode 850nm/Single Mode: 1310-1620nm(selectable) |
| | Bandwidth | Forward: 6.25Gbps, backward 3.125Gbps |
| | Clock Jitter | <0.15 Tbit |
| | Rise time | <0.3Tbit (20%~80%) |
| | Fall time | <0.3Tbit (20%~80%) |
| | Recommended maximum input/output distance | Less than 300m for Om3 multimode fiber, 2-20km for single mode fiber when in 1920x1080P@60 |
| | Maximum support resolution | HDPC: 1920x1200P@60 HDTV 1920x1080P@60 |
| | The product weight | About 0.5KG |
| Maximum power dissipation | 20W | |

PJMAX-OUT SF2

Fiber optic splicing output card



Features

- 2 single-core fiber optic output.
- Support image splicing function.
- Support hot-swapping function.
- Working with fiber optic transmitter to realize 300 meters (multi-mode) or maximum 20Km (single mode) transmission distance.
- Optional I/O switching card to realize IR serial port switching.
- Support 2 channels single-core fiber optic seamless output; maximally supported resolution: 1920*1200@60Hz; working with CR-uSF COMP 300R to realize 300 meters (multi-mode) or maximum 20Km (single mode) transmission distance.
- 4 windows are supported on one single screen; signals can overlap with each, roam, and be zoomed in any scales.

Specifications

| The parameter name | PJMAX-OUT SF2 |
|---|--|
| Connector | 2 SC fiber optic interfaces |
| Fiber connector | SC connector |
| Fiber type | Multimode/Single mode (selectable) |
| Wavelength | Multimode 850nm/Single Mode: 1310-1620nm(optional) |
| Bandwidth | Forward: 6.25Gbps, backward 3.125Gbps |
| Clock Jitter | <0.15 Tbit |
| Rise time | <0.3Tbit (20%--80%) |
| Fall time | <0.3Tbit (20%--80%) |
| Recommended maximum input/output distance | Less than 300m for Om3 multimode fiber, 2-20km for single mode fiber when in 1920x1080P@60 |
| Maximum support resolution | HDPC: 1920x1200P@60 HDTV: 1920x1080P@60 |
| Control scale | One machine can maximally control 144 screens and multiple groups of screens; Supports 128 presets saving and fast recall. |
| The product weight | About 0.5KG |
| Maximum power dissipation | 20W |

PMAX-PR LINK

Pre-view card



Features

- 1 RJ45 pre-view output; support grouped pre-view of 4 video image at the same time.
- Resolution for each channel of signal is up to 720p@30fps.
- Support H.264&JPEG Multi-stream encoding; Frame Rate: 1/16-60fps.
- Support hot-swapping function.
- Support video switching control pre-view.