Thông số chi tiết của các slot card plug-in

| Input Card	

H_4xDVI input card	
	
	Support for single link and dual link input modes, and 10-bit input source HDCP 1.4 compliant
	
	Does not support interlaced signal input.
	
	• Single link mode:
	   – Four DVI connectors are all used for input.
	Each connector supports the maximum resolution of 2048×1152@60Hz and the minimum resolution of 800×600@60Hz.
	   – Custom resolutions:
	     Max. width: 2560 pixels (2560×972@60Hz) Max. height: 2560 pixels
	     (884×2560@60Hz)
	• Dual link mode:
	   – Connectors 2 and 4 are used for input, and connectors 1 and 3 are unavailable.
	   – Each connector supports the maximum resolution of 3840×1080@60Hz and the minimum resolution of 800×600@60Hz.
	   – Custom resolutions:
	     Max. width: 4096 pixels (4096×1124@60Hz) Max. height: 4095 pixels
	     (1014×4095@60Hz)
	
	Status LEDs:
	
	• On: The input source is accessed normally.
	Off: No input source is accessed or the input source is abnormal.

H_4xHDMI input card	
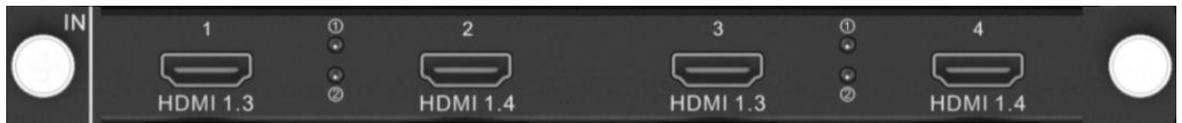	
	Support for 10-bit input source
	
	Does not support interlaced signal input. Single link mode:
	
	• 2x HDMI 1.3
	   – Each connector supports the maximum resolution of 2048×1152@60Hz, and the minimum resolution of 800×600@60Hz.
	   – Custom resolutions:
	     Max. width: 2560 pixels (2560×972@60Hz) Max. height: 2560 pixels
	     (884×2560@60Hz)
	   – HDCP 1.4 compliant
	• 2x HDMI 1.4a
	   – Each connector supports the maximum resolution of 2048×1152@60Hz, and the minimum resolution of 800×600@60Hz.
	   – Custom resolutions:
	     Max. width: 2560 pixels (2560×972@60Hz) Max. height: 2560 pixels
	     (884×2560@60Hz)
	   – HDCP 1.4 compliant Dual link mode:
	• Two HDMI 1.4a connectors are used for input, and two HDMI 1.3 connectors are unavailable.
	• Each connector supports the maximum resolution of 3840×1080@60Hz.

	• Custom resolutions: Max. width: 4096 pixels (4096×1124@60Hz) Max. height: 4095 pixels (1014×4095@60Hz) • HDCP 1.4 compliant Status LEDs: • On: The input source is accessed normally. • Off: No input source is accessed or the input source is abnormal.

H_1xHDMI2.0+1xDP1.2 input card	
	Only one connector can be used each time.
	The default option is HDMI 2.0 connector. Does not support
	interlaced signal input.
	● 1x HDMI 2.0
	  – Backward compatible with HDMI 1.4a and HDMI 1.3
	  – Supports the maximum resolution of 4096×2160@60Hz or 8192×1080@60Hz (forced).
	  – HDCP 2.2 compliant
	  – Custom resolutions:
	    Max. width: 4092 pixels (4092 2261@60Hz)
	    Max. height: 4095 pixels (2188 4095@60Hz)
	● 1x DP 1.2
	  – Backward compatible with DP 1.1
	  – Supports the maximum resolution of 4096×2160@60Hz or 8192×1080@60Hz.
	  – HDCP 2.2 compliant
	  – Custom resolutions:
	    Max. width: 8192 pixels (8192×1146@60Hz) Max. height: 4095 pixels (2188 4095@60Hz)
	Status LEDs:
	• On: The input source is accessed normally.
	• Off: No input source is accessed or the input source is abnormal.
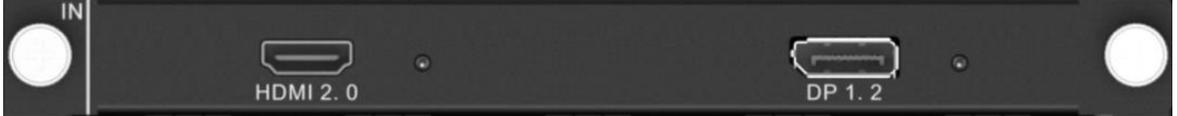
H_2xRJ45 IP input card	
	2x RJ45 Gigabit Ethernet ports Support for interlaced
	signal input
	● Supported protocols: RTSP, GB28181 and ONVIF
	● Supported coding formats: H.264 and H.265
	● Single card decoding capability:
	  – 4x 3840×2160@30fps
	  – 16x 1920×1080@30fps
	DHCP compliant
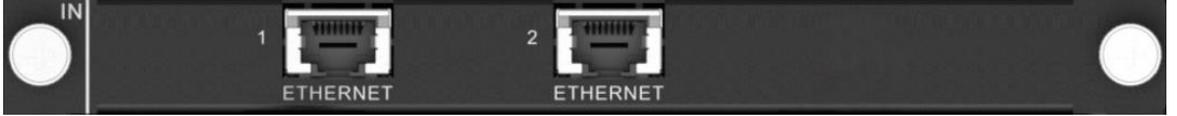
H_4x3G SDI input card	 4x 3G-SDI

	• Backward compatible with HD-SDI and SD-SDI • Supports ST-424 (3G), ST-292 (HD) and SMPTE 259 SD. • Each connector supports the maximum resolution of 1920×1080@60Hz. • Supports 1080i/576i/480i de-interlacing processing. Status LEDs: • On: The input source is accessed normally. Off: No input source is accessed or the input source is abnormal.
H_2xCVBS+2xVGA input card	 2x VGA • Each connector supports the maximum resolution of 1920×1080@60Hz. 2x CVBS • Supports PAL and NTSC. Status LEDs: • On: The input source is accessed normally. Off: No input source is accessed or the input source is abnormal.
H_4xVGA input card	 4x VGA • Each connector supports the maximum resolution of 1920×1080@60Hz. Status LEDs: • On: The input source is accessed normally. Off: No input source is accessed or the input source is abnormal.
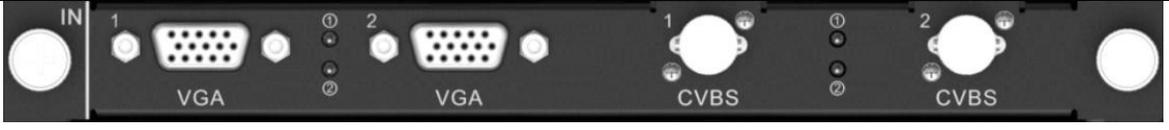
H_2xDP1.1 input card	
	2x DP1.1
	• Each connector supports the maximum resolution of 3840×1080@60Hz or 3840×2160@30Hz.
	• Custom resolutions:
	  – Max. width: 4096 pixels (4096×1124@60Hz)
	  – Max. height: 4095 pixels (1014×4095@60Hz)
	• Supports 8-bit and 10-bit inputs.
	• Does not support interlaced signal input.
	• HDCP 1.3 compliant Status LEDs:
	• On: The input source is accessed normally.
	Off: No input source is accessed or the input source is abnormal.
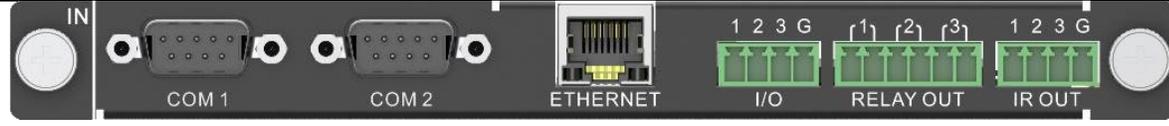
H_STD I/O card	
	• 2x COM
	  Programmable RS422/RS485/RS23 ports that are used to control the devices that adopt RS422/RS485/RS232 protocol
	• 1x ETHERNET
	  – Control the device that is connected to this card.
	  – 10/100Mbps self-adaptive
	  – TCP/IP protocol and UDP/IP protocol supported
	• 3x I/O

	– Trigger the execution of the function requirements via programming.
	– Input and output modes supported
	3x RELAY OUT
	– Connect to the relay to control the power on and off the connected device.
	– Voltage: 30 VDC, current: 3A at maximum
	● 3x IR OUT
	Programmable infrared control supported

Output Card

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H_16xRJ45+2xfiber sending card	
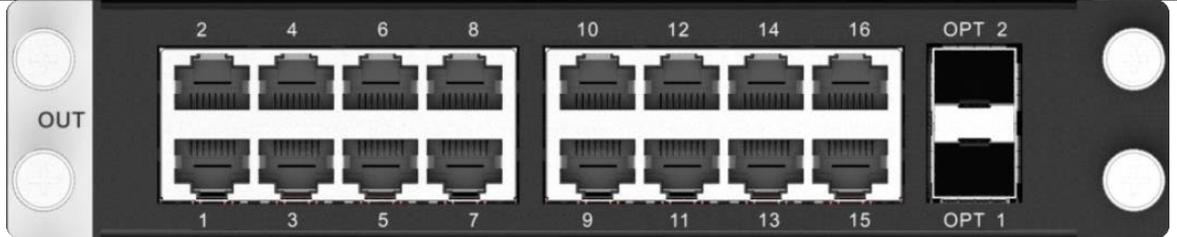	
	LED 4K sending card can load up to 10,400,000 pixels (max. width: 10,240 pixels, max. height: 10,240 pixels).
	
	This card occupies two slots.
	
	● 16x RJ45 Gigabit Ethernet outputs
	  – Bit depth: 8-bit
	    A single Ethernet port loads up to 650,000 pixels.
	  – Bit depth: 10-bit
	    A single Ethernet port loads up to 320,000 pixels.
	  – Backup between Ethernet ports
	● 2x OPT outputs
	  – Support both SMF and MMF transmission. In SMF mode, the maximum transmission distance reaches up to 10 km.
	  – OPT 1 copies and outputs the data on Ethernet ports 1–8.
	OPT 2 copies and outputs the data on Ethernet ports 9–16.

H_20xRJ45 sending car	
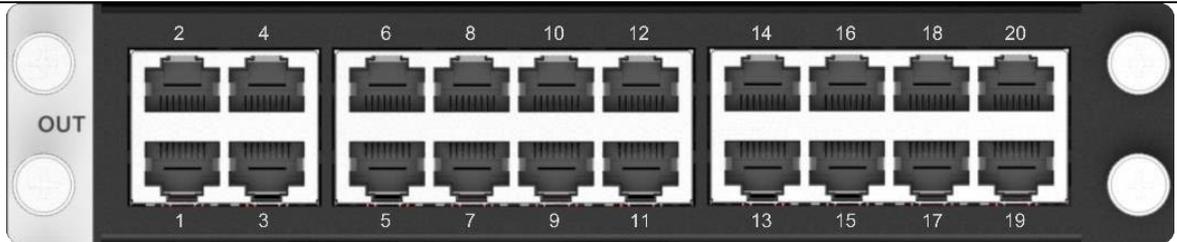	
	LED 4K sending card can load up to 13,000,000 pixels (max. width: 10,752 pixels, max. height: 10,752 pixels).
	
	This card occupies two slots.
	
	● 20x RJ45 Gigabit Ethernet outputs
	  – Bit depth: 8-bit
	    A single Ethernet port loads up to 650,000 pixels.
	  – Bit depth: 10-bit
	    A single Ethernet port loads up to 320,000 pixels.
	Backup between Ethernet ports

H_2xRJ45+1xHDMI1.3 preview card	 ● 2x RJ45 Gigabit Ethernet outputs
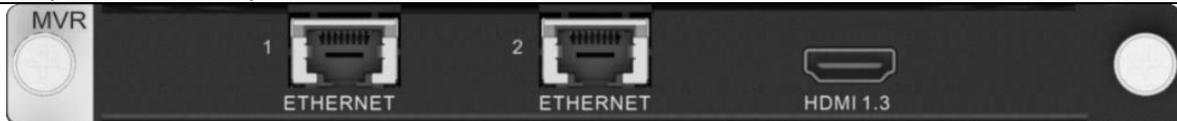
Connect to the network for monitoring the inputs and outputs.

- 1x HDMI 1.3

Connect to a monitor for displaying the monitoring information.

H_Control Card	
GENLOCK	Supports bi-level and tri-level. • IN: Accept the Genlock signal LOOP: Loop the Genlock signal.
ETHERNET	A Gigabit Ethernet port • Connect to the control PC for communication. • Connect to the router, switch or PC. For Web control and NovaLCT screen configuration
USB 1 & USB 2	2x USB 2.0 • Update the device program. Import or export the device configuration parameters.
COM	A serial port that adopts RS232 serial protocol Support for central control system • IN: Accept the signal from the central control system. OUT: Loop the signal.
Power switch	• – / **ON**: Power on the device. **O / OFF**: Power off the device.