FULL NDI TO HDMI, Codec User manual Reference information, and FAQs

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Equipment overview

FULL NDI 1080P Encoder / decoder: Integrated NDI company' s SDK, compatible with all FULL NDI products in the market. It can be used as a HDMI TO FULL NDI encoder or FULL NDI TO HDMI decoder (Selectable through UI interface).



- Support FULL NDI, codec
- · The encoding end supports the HDMI loop out
- The HDMI input resolution is as follows: 1080P60, 1080P59.94, 1080P50, 1080P30, 1080P29.97, 1080P25, 1080P24, 1080I50, 1080I60, 720P60, 720P50
- · Support for POE power supply
- The PTZ controls the video camera
- · Support for TALLY light display
- · Support audio adding and de-embedding
- · Can be con figured via the WEB UI inputs

3

Port description

1. Appearance and Function Description



2、Screen Display



IP	Current device IP address
Type:	Whether the current device
	is an encoder or decoder
	Encode
	Decode
Video:	Current video resolution
Audio:	Options for current audio
	HDM loutput is audio in
	Line in Line in output is
	analog audio

Port description

3、Port Description



1/4-20 nut is used to connect accessories

WEB UI Interface description

 login UI interface method: view the screen display IP:192.168.31.188. Change the computer IP to 192.168.31.X (not the same IP as the device), connect the device and computer directly through a network cable, or connect the device computer to a Gigabit switch.



- 2、Equipment Status
- > System info:

NOE CONVERTER®	Status Network	NDP PTZ	System	
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> Dynamic information

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Serial port : USB port connection status when controlling PTZ Tally status: Thecurrent modeof theTallylamp

3、Network Configuration

NDE CONVERTER*	Status Netwo	na NDI ^{III} FTZ System	1 Aller -
Ethernet	of Address	INCIDENT IN	
	Removal:	251.251.251.0	
	Garrenar	INCIDENCE.	
	· Net Address	R0830301536	
		S M E	

IP address: Modify the device IP address Subnet mask: Modify the device subnet mask Default gateway: Modify the device gateway Mac Address: The Mac address of the current device is not modifiable Settings: After each modification, click will save the above information

4、NDI Options

➤ Audio Video

Video-Audio	Stratic tarter		
	Consume /	(m)	
	Andelspeet	HEM	
		C M	
Transmission Mode	Patricit	10	
		5H	
Tally Control	Darbit mature	Chie	
		Sec	
Decoding Video Source	Ville started	MACLINE TROMOLOGY (HERE)	

Video Source Name: Modify the current device name

Video quality: modified NDI coding bandwidth 50-200 the arger the number, the greater the bandwidth, the greater the delay, the clearer the picture quality. The smaller the number, the smaller the bandwidth, the smaller the delay, and the more blurred the picture quality.It is recommended to use 100.

➤ Audio input

NDE CONVERTER®	Salus Notes	vik NDP PT2 System.	1
Video-Audio	lance unse		
	Video Sality	· · · · · · · · · · · · · · · · · · ·	
	Auto type	HOAR	-
		Long In HONE	

-Audio input: at the encoder time

Select the line in input audio as the analog audio Select the HDMI input audio for the HDMI itself audio

> Transmission mode

NDI CONVERTER®	Status Netwo	vis sebill PT2 System	1 ***
Video-Audio	lower serve		
	Non-sector	-	
	Auto read.	104	+
		Ser	
Transmission Mode	Annal	10	2
		 104 (30) 	

-Transmission mode:

UDP transmits NDI using UDP protocol, and packet loss will not be retransmitted TCP transmits NDI with TCP protocol, and the packet loss will be sent again Settings: Save the modified transfer mode options

Tally control

Tally Control	Switch plates	Obie	
		Devid Program Provide Provide Auto	
Decoding Video Source	Widow Investor	Participal December (de substitu	

-Switch status: switched off Tally function, the device Tally is not bright Program: monitor The device Tally light is shown in red

Preview: Preview The Device Tally light is shown in green

> Decoder video source

Decoding Video Source	Voles invite:	KAOLONS TECHNOLOGY (NBD)	
		 KACLONG TECHNOLOGY (MADE) 	
		Sec. 1	

Decoder Video source: When the device acts as a decoder, select the input NDI device name, When the encoder does, it doesn't work Settings: To save the options for the codec

5、PTZ

► PTZ参数

PTZ Parameters	Partnet	VIICA	
	Band total	9609	
	Denica-ID	1	
		94	

► PTZ控制



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6. System Settings

System language

System Language	Larguage;	topol.
	-	Const Inglish
System Upgrade	Freezer Name	MATE ANTA
		(Passe infect the consequenting formane, with his or image all they, and then
		cites the System Upgrade Sutton) (direction To not uplied to multiple seads of the same time. During the
		suggeste private (2 minutes), do tel prese off midway. The system will
		automatically remain after the upgrade.)
		Vippede

Chinese: web interface displays Chinese English:web interface displays English Settings: Save the system voice options

System upgrade

System Language	Larguage:	Equal .
		Crew Locks
System Upgrade	Firmer's Tarrest	ante santa
		Plaza infect the conseponding formane, with his or image of thes, and then
	•	effect the System (opprate factors)
		Utherhow the net option by workight progra at the same time. During the
		approve and provide the same but of prover off midway the system will
		automatically ressan after the segments.)

Select the file: Select the upgraded file, note that there is no Chinese path System upgrade: After selecting the file, click the button. After the upgrade, the system will automatically restart, and the upgrade process can not be cut off

DI CONVERTER®	Status Netwo	na hor etc system	
System Language	language.	light.	
System Upgrade	Foreign Same	BODDE Learnin Proce select the screenpending filmware, with bits in the dist that "process (appendix learner) (Moreannes, film and appendix process (of moleany animatically advected when the supports Toppen Toppen	age ab Flay, and Han extens. During the The system soll
System Settings			

System restart: the system restart

System reset: the system is reset to the initial state

Frequently asked questions(FAQs):

 Power supply mode, Gigabit POE power supply, or use standard power supply;

 Log in the UI interface, must be in the same local area network can log in. Modify the IP address of the computer to 192.168.31.X (Not the same IP address as the device). After in can modify the device IP;

 must be gigabit switch, will not appear video lag, sound lag and other phenomena;

4. If the account set by the customer, the password has been forgotten, and you can not log in. There is a reply on the device Press the button for 8 seconds and the device will reset to the factory account and password: (Account: root Password: admin).