

VIPER: How to Add AVE Network POS Interface [NPI]



INTRODUCTION

The following Procedure explains how to add AVE Network POS Interface [NPI] to a VIPER NVR. *Note.*

NVR IP Address is set to 192.168.0.43 & NPI Address is set to 192.168.0.7

It is important to make sure the Time & Date is set correctly on the VIPER Unit. See separate "How to guide"

All guides are available here https://vistacctv.freshdesk.com/support/home

Method

- Right click on screen with mouse, Menu appears then left click [Log In] enter admins user and password to login (Fig 1)
 If "Easy Installation" runs, cancel by clicking on 'X' top right to continue with this procedure.
- Right click in live screen select [Setup] (Fig 2)



- Then select **Device Tab** then click on **[TEXT]** (Fig 3)
- Click [Use] then Select Ch number that the POS data is associated with i.e. CH1
- Click [Protocol] set to "LAN(Generic)" [ID/Port] set to "1/14001" and [Input Char. Set] "US-ASCII"
- Click [Save] to save setting then exit menus

SYSTEM	CAMER	DEVICE	RECORD	-	NETWORK
Display					







NPI set up

- Open web browser {IE, Chrome or Firefox} go to NPI IP Address [192.168.0.7] enter username and password
- Select [Serial Port] set "Baud Rate" "Data Size" "Parity" and "Stop Bits" of the POS/Till that the NPI is connected to in our case it is as below {See NPI user manual for more details}

	0	Notwork P	Firmware Version: V40	017	
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Current Status	parameter		43		Network F
Local IP Config	Baud Rate: 9600 bps		AMERICAN VIDEO	O EQUIPMENT	
Serial Port	Data Size: 8 🗸 bit		Current Status		
Expand Function	Parity: None V		Current Status	parameter	
Misc Config	Stop Bits: 1 V bit		Local IP Config	Module Name: AVE-NPI	
Reboot	Local Port Number: 0 (0~65535)		Serial Port	Current IP Address: 192.168.0.7	
	Remote Port Number: 14001 (1~65535)		Schartore	MAC Address: 9c-a5-25-aa-39 ad	
	192 168 0 43		Expand Function	Remote IP/TX/RX- : 192.168.0.43 / 72393 byte / 0 byte	
	Remote Server Addr: [192.168.0.43]		Mise Config	-2: 0.0.0.0/0 byte / 0 byte	
	RESET:			-3: 0.0.0/0 byte / 0 byte	
			Reboot	-4: 0.0.0/0 byte / 0 byte	
	INDEX:			-5 • 0.0.0/0 byte / 0 byte	
				TY Count/RY County 90400/ Obvice	
	Save Cancel			TA Countries Council and and Oblightes	
	Fig 4			Fig 5	

- Set [Remote Port Number] to the same as previously set in Viper Text setup "14001"
- Set [Work Mode] to TCP Client
- Set [Remote Server Addr] to the IP Address of the Viper "192.168.0.43" then click [Save] (Fig 4)
- Select [Current Status] this will show details of communications between POS/Till NPI and Viper (Fig 5)

Text Live & Search

It is possible to show Till Transaction live on the Viper and Search for a specific text string.

- Right click in live screen select [Text Overlay] this will show transactions as they happen (Fig 6)
 - You can also do the same process in playback to show recorded footage and associated transactions
- To search for a specific transaction or text string. Right click in live or Playback and select [Search] > [Text] (Fig 7)
- Search by Text menu will be displayed (Fig 8) here you can search by Time & Date for a keyword or text string

Screen Mode Zoom in Freeze	 CH 1. Port 1 CH 1. ***********1067 	Screen Mode	
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Playback	CH 1. 021498 3:54:4W 5526	Search	Time
Search Backup	CH 1. ********1091	Backup Sot Boolimark	Event Thumbnail
Setup Camera Registration	CH 1. CINCINNNATI OH	Set Bookmark	Smart Search
Status Log Out	 CH 1. 020954 2:56:AM 5470 CH 1. 438:00 CASH WITHDRAWAL 		









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	Search						



• After you have entered the details click [Search] the results will be displayed (Fig 9) you can then select the required event and playback the footage with the associated text (You will need to select "Text Overlay" as in previous steps)

This completes the procedure.

