HMX2 Modular Hybrid Matrix Switchers

SOFTWARE OPERATION MANUALS

# **Recognition Software**

# Login

Double-click to open the software, the default user name is "admin" and password is "123".

HMX login system	
Remember password  Sign in	

## Software Interface

After login, the operation interface is shown as below before connecting with HMX.

Hybrid Matr	ix Controller¥2.0.	1.3					-	ъ ×
Device Select	Device Mgt	IpCard	Settings	Help				
Config •						Conlock		
Device : Unknown	Status : Unknown	Type : Unknown	Address : Unknown	Preset Polling : Disab	ble │ 当前预寫:None			

After successful connection, the operation interface is shown as below.

Preview Windows Pres	eview Windows Preset/Group Menu Ports Operation												
- I I		- I					1						
👬 Hybrid Matrix	Contro	011er¥2.6.1.3										-	□ ×
Device Select	Devio	e Mgt	IpCard	Setting		Help							
Confe D	ice254									Contraction Contraction			
Preview		Input Port					Search Q	Ing	out Port				
Preview Window3		All Signals					=	A	Signals •				=
							No Card	1					N-IP
In 25 24 Out 25				♦ SD12_JHEEL					OutputInput1		Out	put:Input2	
Preview Window4								3					E-HDBT
NO VIDEO Preset Group	•			• DVI1		• DV12			OutputInput3		Out	put:Input4	
Soft Preset Hard Pr								5					
+ •		• DP4K1		<ul> <li>DP4K2</li> </ul>		<ul> <li>HDMI4K;</li> </ul>			OutputInput5		Out	putlinputő	
		10		11		12		7					
		<ul> <li>HDMI4K2</li> </ul>		• VGA1		• VGA2			OutputsInput7		Out	put:Input8	
								9			10 HDM4		
									ChitratifanutQ		Oute		
Device : 00-08-220-55-5	1-51	Status : Connect	ted   Type :	NET   Address	192.168.5.2	54   Preset Po	ling : Disable	114157	E : None				

### Menu

The menu is served to manage the HMX operation.



## Port operation

In operation area, you can set the I/O port

Left side is input port area, right side is output port. There are 3x methods to filter port: signal type, keyword, port serial number

Each port is assigned as a rectangular box, right click view properties. For more details,

please refer to port properties configuration. The icon in rectangular box can be clicked to set tag/note.

	Port Number	Card 1	Туре	Channel Name	Port Inf	io Key Words Filter	Port	Number Filter	Signal Type Filt	ter		
Ŀ	put Port					Search Q		Output Port				Search Q
R	ll Signals 🔹					=		All Signals	•			=
1		-SDI		E-SI								N-IP
	SDI1		• SDI	2_JHUC					Output:Input1		Output:Input2	
												L
4												
			• DVI			DVI2			Output:Input3		Output:Input4	
7												
	<ul> <li>DP4K1</li> </ul>		• DP4	IK2		HDMI4K1			Output:Input5		Output:Input6	
10					A 12							
	HDMI4K2		• VG	u		VGA2			Output:Input7		Output:Input8	
1			14									
									Output-Input9		Output-Input10	
In												
			Swite	h Relationships								

• Signal type filter

To filter according to cards type, e.g, enter SDI type, interface is shown as below

Input Port				
SDI	•			
1	E-SDI	2	E-SDI	
• SDI1		● SDI2_测试		

• Keyword filter

Enter keyword "DP4K", interface is shown as below

Input Port				DP4K	
DP4K	•				
7	E2-DP4K	8	E2-DP4K		
• DP4K1		DP4K2			

- Fort serial number filter
- Interface is shown as below



#### Port note

Click icon a, can fill tag, move the mouse on the rectangular box, you can see the tag.

Custom	nize Remark	×				1
Diesce	innut remark	info	l.			
Flease			DMI4K	11	E2-VGA	
L				VGA1		
			L.	FC		
	ОК	Cancel	o Card	14	No Card	

## Window preview

It can preview input signal content, please refer to input source preview for more details.



#### Preset/Grouping setting

Preset: save the frequently-used switch model, single click to be recalled. Grouping: group the I/o ports when have multiple ports to achieve simple management.



#### Status indicators

Status indicators stands for current hardware and software status

Device : 00-08-2	20-55-51-51	Status :	Connected	Type :	NET	Address : 192	.168.5.254	Preset Pol	ling : Disable	Current Preset	Conference Room
Devi	ce ID	Device Conne	ction Status	Connectio	l In Type	Device I	P Address	Preset P	olling Status	Current Ru	nning Preset

# Software management

#### Language setting

HMX software support Simplified Chinese, traditional Chinese and English.

Langu	lage	×
Pleas	e drop for la	nguage settings
Engl	ish	•
	OK	Cancel

### User management

Default user name is "admin", and support self-define.

Add new user

Click "Add" to add new user in user administration.

#### Learn Software

Users	×		Users		×
User List 🛛 🕂	Users		User List	+ Users	
User List + admin	Users Account User01 Full Name User01 Password 123 Repeat Password 123	>	User List	+ Users Account User01 Full Name User01 Password C Repeat Password Original Password	
	Add			Edit	

Delete user

٠

Select one user name, click icon 🗵 , or modify user information on the right information center.

Users		×
User List	+	Users
admin		Account
User01		User01 Full Name
		User01
		Password
		Original Password
		Edit

Switch user •

Click "Toggle user" in "settings" part, click to confirm to exchange another user.

Message	×
Confirm to sw	vitch users?
ОК	Cancel

## **Project Setting**

Support save all software configuration and export as back up.



Click "Device Mgt" >-->Export Project>-->PC

You are also able to import the file from PC.

2				
● SDI2_测试	Please select the proje	ect file	×	Output:Input5
5	Select project file			
• DVI1			Browse	
8		ОК	Cancel	
DP4K2				
11				

# **Test Application**

### Log

Support check operation record, easy to maintain and detect the failure.

- Record log in/out, windows operations(open/close windows), scenario operation ( save, recall)
- Support multiple conditions checking
- Support show pages,

Log info	)				×
Start t	ime	End time	All •	Please enter keywords Q search	
Order	User name	Time	Туре		
1	admin	2017-09-18 17:40:17	Login-Logout	{"id":"150572761700064482","jsonrpc":"2.0","method":"system_login","he	
2	admin	2017-09-18 17:40:45	Add-Delete-Edit-Select	{"id":"150572764400052552","jsonrpc":"2.0","method":"hmx_device_add",	
	admin	2017-09-18 17:40:57	Add-Delete-Edit-Select	{"id":"1505727656000818","jsonrpc":"2.0","method":"hmx_device_edit","he	
4	admin	2017-09-18 17:41:07	Select	{"id":"150572766700092695","jsonrpc":"2.0","method":"hmx_device_select	
	admin	2017-09-18 17:41:11	Add-Delete-Edit-Select	{"id":"150572767000075467","jsonrpc":"2.0","method":"hmx_preset_rule","	
6	admin	2017-09-18 17:45:31	Add-Delete-Edit-Select	{"id":"150572793000093003","jsonrpc":"2.0","method":"hmx_preset_rule",	
	admin	2017-09-18 17:46:38	Login-Logout	{"id":"150572799700053838","jsonrpc":"2.0","method":"system_login","he	
8	admin	2017-09-18 17:46:41	Add-Delete-Edit-Select	{"id":"15057280000080802","jsonrpc":"2.0","method":"hmx_preset_rule","	
9	admin	2017-09-18 17:47:49	Add-Delete-Edit-Select	{"id":"150572806900079848","jsonrpc":"2.0","method":"hmx_device_delete	
10	admin	2017-09-18 17:47:52	Add-Delete-Edit-Select	{"id":"150572807100046729","jsonrpc":"2.0","method":"hmx_preset_rule","	
11	admin	2017-09-18 17:48:17	Add-Delete-Edit-Select	{"id":"150572809600020726","jsonrpc":"2.0","method":"hmx_device_add",	
20 -	+ +  1	. of 5 ⊨ ⊨			

# Device communication and management

### Device communication

There are 2 ways for communication, network, and serial, select suitable communication way depend on actual environment. User can operate after the successful connection.

#### Network

Connect the HMX to LAN by cat cable, device IP and control PC IP should be within the same LAN.

Default IP address is 192.168.1.200

- ① Select network connection
- ② Click "Connect" button

3 Choose the equipment in IP list

(4) Then click "OK" to complete connection

Innect					×					
Communication	n config									
NET connection	n	О сом с	○ COM connection							
		COM p								
192.168.5.2	54		41 ·							
Network detect	tion and configur	ation								
IP	Subnet Mask	Gateway	Device Id	MAC						
192.168.5.254	255.255.255.0	192.168.5.1	1	00-08-220-55-51-51	]					
192.168.9.202	255.255.255.0	192.168.9.1	1	00-08-DC-06-71-37						
Search —	Select	Senior								
Device IP and d	levice address m	odification								
Device Id	L			Read Device Id						
			4— ок	Cancel						

0 Or enter equipment IP directly

### Serial port

- ① Select COM connection
- ② Select available COM port in the list
- ③ Click "Ok"

Connect		×
Communication config	,	
○ NET connection	COM connection	
Device IP	COM port	
192.168.5.254	COM1 •	
Network detection and configuration	СОМ1	
IP Subnet Mask Gatew	м СОМ2 МАС	
	СОМЗ	
	COM5	
	Сом/	
Search Select S	Senior ×	
Device IP and device address modificat	tion	
Device Id 1	Modify Device Id Read Device Id	
	OK Cancel	

## Device switch

Support multiple equipment simultaneously, each device configuration data is saved independently, just one key to switch the equipment

#### Add device

Click "Device Select" >--> "config", to open management window

Config			×
No IP	Name	Hotkey	
IP  Name	]	Add	
热键(Must be "Ctrl/Shi	ft/Alt + Num/Letter" )	Delete	
	ок	Cancel	

Enter device IP address, self-defined name and hot key, click "OK" to finish adding, then close window. Click "Add" to continue to add device.

You can see multiple device in toolbar

Device Select	Device Mgt	IpCard	Settings	Help
Config	Device254			

#### Device switch

Click any device in toolbar, then click "ok" to switch the device you want.

# **Device IP setting**

Support two ways: network, serial port

#### Network connection way

- 1) Click "Search" to search device
- 2) Select the device IP address need to be modified.

- 3) Click "Senior"
- 4) Modify IP address, sub net mask, etc.
- 5) Click "Modify Device IP", if success, will pop-up window tips, click "OK" to finish.

Connect					x
Communicatio	n config				
	_	0.001			
O NET connectio	n	O COM 6	connection		
Device IP			port		
192.168.5.2	254		M1 •		
Network detect	tion and configu	ation	2		
IP	Subnet Mask	Gateway	Device Id	MAC	
192.168.5.254	255.255.255.0	192.168.5.1	1	00-08-220-55-51-51	
192.168.9.202	255.255.255.0	192.168.9.1	1	00-08-DC-06-71-37	
_					
1 Search	Select	Senior	<u>*</u>		
Device IP and c	levice address m		🏓 🛛		
IP	Subnet Mask	Gateway	Device Id	MAC	
192.168.5.254	255.255.255	0 192.16	8.5.1 1	00-08-220-55-5	
					-
		l	Read Network	Modify Network—	-6
			ОК	Cancel	

Serial port connection way

- 1) Select "COM connection" in communication preset interface.
- 2) Choose available effective COM port
- 3) Click "Senior" to show advanced information
- 4) Click "Read Network by serial port" to read IP information
- 5) Modify IP information
- 6) Click "Modify Network" by serial port" to finish.

Connect					×
Communication	config	ОСОМ со	nnection		
Device IP		COM po	ort		
192.168.5.2	54		ı •	-2	
Network detect	Subnet Mask	Gateway	Device Id	MAC	
	Subject music	Gutenay	bene la	in ite	
Search	Select	Senior	£] <del>0</del>		
Device IP and de	evice address m	odification			
IP	Subnet Mask	Gatewa	Device Id	MAC	
			1		
		C	Read Network	Modify Network	-6
			ОК	Cancel	

Note; If Choose COM connection way, please connect PC and control control card "RS232 IN" by serial port cable, with the PC serial port setting as: Baud Rate 96001, Stop Bit, and No Parity.

### Device information check

Click "Device Info" in "Device Mgt", pop up window "Device information", shows current device system type, device address, hardware and firmware version, IP address, etc.

Device Info	×
System Type : HMX2 36*36	
Date : 17-6-15	
HardWare : 1.20	
Firmware : 0.00	
Device Id : 1	
IP : 192.168.5.254	
Subnet Mask : 255.255.255.0	
Gateway : 192.168.5.1	
MAC : 00-08-220-55-51-51	

# Port switch and configuration

# Switch

### Normal Switch

Achieve I/o switching by simple click in the I/O port management area. When select one input port, the current corresponding output will be highlighted in high blue. Meanwhile, user is able to select any output port to switch.

When select one output port, the system will highlight the related input port.

Input P	Port				Output Port				
All Sign	nals 🔻			-	All Signals				=
1									
● SD	011		SDI2_测试			Output:Input5		Output:Input5	
4							4		
		•	DVI1	DVI2		Output:Input5		Output:Input5	
7									
• DP	P4K1	•	DP4K2	HDMI4K1		Output:Input5		Output:Input5	

• Select one input port, click "Check" switch to all output ports.

Input Port Search Q					Output Port						
All Signals					=	All Signals					=
4			E2-DVI	6		7			8		
		• DVI1		DVI2			Output:Input			Output:Input6	
7						9					
• DP4K1		DP4K2		HDMI4#			Output:Input6			Output:Input5	
10				12							
HDMI4K2		VGA1		• VGA2			Output:Input			Output:Input5	

• Click "Apply switch", Click "OK" in the pop up window, then can apply all set switch relations, as below:

Input Port				Search Q	]	Output Port	1			
All Signals						All Signals				-
7			9			5		6		
• DP4K1	• D	Р4К2	• HDI	MI4K1			Output:Input9		Output:Input9	
10						7				
HDMI4K2	• V	GA1	• VG/	42			Output:Input9		Output:Input6	
13						9		10		
							Output:Input9		Output:Input9	
16			18							
							Output:Input5		Output:Input5	
19										
Input: 9										

#### Switch under lock status

Under lock status, click any ports, only to view the related switch relations.

• Click any input port, right side output area highlight current effective switch output port.

Input Port				Search Q	Outpu	it Port		[	Search Q
All Signals					All Sig	nals 🔹			
4					5		6		
		• DVI1	• DVI2			Output:Input9		Output:Input9	
									l.
7			9		7				No Card
<ul> <li>DP4K1</li> </ul>		DP4K2	• HDN	114K1		Output:Input9		Output:Input6	
10			12		9				
HDMI4K	2	• VGA1	• VGA			Output:Input6		Output:Input5	
13		14	15		11				
						Output:Input5		Output:Input5	

Click any output ports, the two sides will hint all related switch I/O ports, as below:

Input Port					Output	Port			
All Signals				=	All Signa	ls 🔻			=
7		E2-DP4K	9		5		6		
DP4K1	DP4K2		HDMI4K1			Output:Input9		Output:Input9	
				L.					L
10			12	E2-VGA	7				No Card
HDMI4K2	VGA1		VGA2			Output:Input9		Output:Input6	
				L.					
13	14		15	No Card	9				
						Output:Input6		Output:Input5	
16			18		11				
						Output:Input5		Output:Input5	
					12		14		

• The switch under lock status, user has to drag input port to output port to achieve.



Meanwhile, it is the same when drag output to input.

Input Port				Output Port				
All Signals			=	All Signals				-
7		9		5		6		
• DP4K1	DP4k	• н	DMI4K1		Output:Input9		Output:Input9	
10				7				
HDMI4K2	• VGA:	• VC	GA2		Output:Input9		Output:Input6	
13		15		9		10		
					Output:Input9		Output:Input9	
16		18						
					Output:Input5		Output:Input5	
19								
					Outout-Inout5			
Input: 9								

#### Check switch

Click "View Switches" to view current input and output switching on the popped window.

Hybrid Matrix Cont	roller¥2.0.1.	3									
Device Select Dev	rice Mgt	IpCard	Settings	Help							
Constant Language	Users Toggle							<b>₽</b> Unlock			
Preview 🖸	Input Port					Ing	out Port				
Preview Window1	All Signals				=	Al	Signals 🔹				=
NO VIDEO	4			6		1					C-RCA
L[			• DVI1	• DVI2			Output:In	put5		tput:Input5	
In 5 24 Out 27											
Preview Window2	7					3					
NO VIDEO	DP4K1		DP4K2	HDMI4K			Output:In	put5		tput:Input5	
Preset Group											
Soft Preset Hard Preset	10	E2-HDMI4K 11	E2-VGA	12	E2-VGA	5					E-HDBT
+	Current Swite	ch Relations									
Conference Room						10 1			18 19 20 21		
											Close
Device : 00-08-220-55-51-51	Status : Conne	ected   Type : NET	Address : 192.168.5.2	54   Preset P	olling : Disable		案:Non <del>e</del>				

# Grouping

Support I/O ports grouping, user can only check the I/O ports belong to the group.

Click I in group sidebar, enter group name to create new group.

Drag wanted I/O ports to assigned area, click "save"

III Rybrid Matrix Cont	raller#2.0.1.3					- 🗆 ×
Device Select Dev	ice Mgt IpCard	Settings	Help			
C C C C C C C C C C C C C C C C C C C					🔒 🛹 Unlink Apply Soits	
Preview O	Input Port			Input Port		
Preview Window1	All Signals •		=	All Signals *		,=
NO VIDEO	1 6-501 2			3 REVERSE251		No Card
In 5 × Out 27	+ SD(1 2	• 5012_Mid 2		OutputShpat5		OutputSrput5
Preview Window2	A No Card 3			S HORTI	E-HDBT 6	
Preset Group		+ DV11 2		OutputliquitS		OutputShput5
+ œ	7 E2-074K 8	£2-D#4K	9 82-HDM54K			ے این کر میں
Conference Room 🛛 🕨	Lobby			<b>y</b>		
	hipata: 1 5					
				Import Current Inputs	Import Current Dutputs	Save Close
Device : 00-08-220-55-51-51	Status : Connected   Type : NET	Address : 192.168.5.254	Preset Polling : Disable	1141Hills : None		

After adding, click group name in the group list of the sidebar, pop up switching prompt window, click "OK" button.

Right click the group name for filter, rename, edit, and delete operation.



# **Property Configuration**

In the main interface of the software, right click on any input or output channel to get the properties list.

				DP4K		
				7	E2-DP4K 8	
All Signals	•			<ul> <li>DP4K1</li> </ul>	Channel Config	
1	E-SDI	2	E-SDI		Channel Info	
					Customize Name	
• SDI1		• SDI	Channel Config		Read EDID To File	
4			Channel Info		Load EDID From File	
		• DVI	Customize Name		Load EDID From Output Card	
			L		Audio Mode	
7					Audio Switch	
DP4K1		• DP4	к2			

#### Right-click list of the input port:

PortType	4K DP	4K HDBT	4K HDMI	DVI	VGA	YPbPr
Channel configuration	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
Read EDID to file	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	-
Load EDID from file	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	-
Load EDID from output	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	-
Input property configuration	-	-	-	-	$\checkmark$	$\checkmark$
Change audio mode	$\checkmark$	$\checkmark$	$\checkmark$	-	-	-
Audio switch	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	-
Channel information	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
Customize name	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$

Right-click list of the output port:												
	4K											
Port Type	HD	4K HDMI	HDMI	EDVI	DVI	VGA						
	BT											
Channel configuration	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$						
Change resolution	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$						
Read EDID to file	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-						
Audio switch	$\checkmark$	$\checkmark$	$\checkmark$	-	$\checkmark$	$\checkmark$						
Card Restore	$\checkmark$	$\checkmark$	-	$\checkmark$	-	-						
Channel information	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$						
Customize name	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$						

# Configure channel type

Input Port							
VGA			Channel Config	×		Channel Config	×
31	E2-VGA 12						
• VGA1	Channel Corfig		Channel Type			Channel Type	
		~			~		
	Read EDID To File		VGA	•		VGA	•
	Load EDID From File				-	YPBPR	
	Load LDID From Output Card					VGA	
			ОК	Cancel		ОК	Cancel

## Input property configuration

			Input Properties Con	ntig			
Input Port			Bright				
VGA			••-	50	•		- 0
11			Contrast				
• VGA3		A2	•	50		•	- 202
			Position V				
				100	•		- 0
			Height				
	oad EDED from Output Card		-				
	Input Properties Config		-				
			Restore Default			ОК	Cancel

# VGA Automatic Adjustment

For VGA input ports, support auto adjust content to remove the black edge by right click the VGA input port and applying VGA Automatic Adjustment.

### Channel information



#### Rename



### **CVBS** Stretching mode

For CVBS input, the system support set stretching adjustment to avoid the nonproper display due to the difference between original input and display devices' resolution ratio.

Audio Setting Mode



### **EDID** management

Support read the EDID of the input/output cards, and update the EDID of input cards through import local EDID or the EDID of output cards.

Set the resolution of the output

Support to customize the resolution of the output ports. Right click the output port > click "Change Resolution"



# **Preset and Polling**

# **Preset Setting**

We can save the switching relationship to a Preset. Support two types of Preset: Soft Preset and Hard Preset.

#### Soft Preset

Soft Preset: Set the input and output switching relations of each port by yourself, save it to the control PC.

- 1) Click 📕 button to add Preset.
- 2) Enter the name of the Preset.

New Pr	reset	×	
Please	input new p	reset name!	
	ОК	Cancel	

3) Set the switching relationship of the Preset.

<b>Hybrid</b>	Matrix	Contr	oller¥	2.0.1.3														- 0	×
Device Sele	ect	Devi	e Mgt		pCard		Settings		Help										
Contraction Con			<b>R</b> Isers										<b>D</b> Jncheck						
Preview			Inpu	t Port							] 1	nput Port							
Preview W			All S	ignals					0.00	=		All Signals							-
NO VI	DEO					•	DAIT		• 0412			5			6				
1.1.1			7										Output:	Input9		Ou	tput:Input9		
In 5 -24	Out 27								HDMI4	4K1									2
Preview W																			ard
NO VI	DEO		10										Output:	Input6		Ou	tput:Input6		
Preset Group		•		HDMI4K2			UGA1		- VGA2										
Soft Preset				HDM04K2			VOAL		• 0042		1	•							
+	•		13						15				Output:	Input6		Ou	tput:Input5		
Conference Ro																			
Lobby											1								
			16						18				Output:	Input5			tput:Input5		
											1								
								9											
Device : 00-08	-220-55-	51-51		s : Connecter	d   Type:	NET		92.168.5.25	i4   Preset	Polling : Disable	当前	预定:Conf	erence Roor	n					

- Click "Import Current Relations ,import all the switching relationship of all the ports to the Preset, and then do the operation.
- Click "Add" button to add a switching relationship.

- Select an input port, click "Import Current Outputs" button to import the output port switching relationship of the input port to the Preset.
- 4) After setting the switching relationships of all the input ports, click "Save" button.
- 5) The list of the Soft Preset shown as below figure, press < Ctrl > key and click the Preset name to switch.



Right click the name of the Preset, we can do these operations:

Apply preset View Switches Save Current Switches Rename Delete



#### Hard Preset

Hard Preset: Preset stored in the HMX as the default (1 switch 1, 2 switch 2 ...).

Import Hard Preset

Click I icon to add a Hard Preset, choose a number for the Hard Preset in the list, Click OK to import the preset to the Hard Preset list of the software.

			Import Hard P	reset	×
			Preset No.	1	
Import Hard Preset		×	1		
Preset No.		-	2 3 4	Cancel	
			5	No card	
ок	Cancel		7	l.	
			10	No. Could	

• Switch Hard Preset

The list of the Hard Preset shown as below figure, press < Ctrl > key and click the Preset name to switch.



 Right click the name of the Preset, we can do these operations: Apply preset View Switchs Save Current Switchs Rename Delete

# Polling

Click con , open the window of "Preset Polling Config".

Choose the preset to set the parameters, click OK button to save.

l	Preset Polling Config						
	No.	Name		Circle	Interval		
	1 2			No 00:00:00			
	2	Hard Dreset1		No	00.00.00		
	Circle Inte	rval	Defau	lt Interval			
	00:00:00		00:	00:05			
	✔ Allow Auto Circle		Check/Uncheck				
			OK		取消		

Click button at the left side on Preset, enable the carousel. The Preset Polling and time are shown on the status bar.

vice : 00-08-220-55-51-51	Status : Connected	Type : NET	Address : 192.168.5.254	Preset Polling : Disable	当前预案:Lobby

### Preview

The NPC (Network Previewing Card) is used to display the real-time preview image of all input signals on the software interface to manage the contents easily and precisely. Setting IP address of NPC

Click [ IpCard ] -> [Output Cards] :

Enter into the Output Cards settings, input the IP, Gateway and Sub Mask for the NPC and save to exit.

Output Cards			
Channel List	Network Maintain		
ENC1	IP Settings		
ENC2	IP	Subnet Mask	
■ PRV1	192.168.5.112	255.255.255.0	
	Gateway	Mac Address	
■¢ PRV2	192.168.5.1		
■ PRV3	DNS Settings		
RV4	Preferred Dns	Alternate Dns	
	192.168.5.1	192.168.5.1	
Reset Restart Se	earch log A	pply Close	

#### Set video format

There are two types of video format that we can choose :

Main Stream (With audio)

Sub Stream (Without audio)

Click right button on PRV1 > Video Setting > Choose Main Stream/Sub Stream.

All Classela				Video Config			
All Signals	-			Stream		Encoding Mode	
27			2	Main tream	•	MIPEG	•
	Output:In	Channel Config			•	12M	•
_		Channel Info		Fixed rate	·		
29		Customize Name		Video Quality			
	Output:In	Video Config		Frame Rate			2
		OSD Config					10
			-			OK	Cancel

#### Set input label

Click right button on PRV1 > OSD Config



# Preview playing

Enable preview function Click right button on PRV1 > choose Video preview.