

AVCIT®

AVCIT DS3.0 Training Manual for Operator

Log in/out

- After you finish all cable connection, and video wall partition, Double-click "Ctrl", to login OSD, user ID/password is admin/admin.
- On any OSD interdace, Press "Window" at your keyboard to return to LOGIN

	Login	
Server: 192.168.1.25 Relation:	Vser admin	S Login Enter Qurr
	Password Quit Menu	Esc TRANSPARENCY Ctrl + (-)/(+) Modif password Ctrl + F1
	Temporary Permission	Mouse settings
F		

Configuration - Add Operator

- Press "Menu" button in the center of "LOGIN" OSD, to enter Permission Configuration; Press "Insert" to add new operator i.e. 005, Set ID and password

- Select user 005, At column of "SHARE", Press "Insert" to pop up a list of IP addesss, which are the server/workstations connecting to KVM encoders one by one;

- Select the correct IP address(according to the planned permission level) and press "ENTER", Press "Esc" 2 times to save;

		Permis	ssion Configura	ition		
	Ref No.	User	EXCLUSIVE	SHARE	VIEW ONLY	
User List :	Numbe Add	User			Device	Device
Red No.: 0	1	ar	005	1		
User: 001	1					
	Pa	ssword	005			
F2 Mouse/Display Matrix				PC-1		
Esc Escape				PC-2 PC-3		
				PC-4 SharpTV		
Add User/Device				VW1-1 VW1-2		
> Insert				VW1-3		
Delete User/Device				VW1-4 VW2-1		
Ctrl + Delete				VW2-2		
Modify password				VW2-3		
Ctrl + F1						

Permission Level for KVM

KVM Source have 4 Permission level for a new created user:

- PRIVATE: Just keep it blank, usually no use(No entry for current operator)
- VIEW ONLY: for operator view only, use "SPACE" only if the operator have SHARE permission channel/source, otherwise Dialog box "No Permission" will pop up
- SHARE: for multiple operator access at the same time, use "Enter" only if the operator have SHARE
 permission channel/source, otherwise Dialog box "No Permission" will pop up; Operator can also use SPACE
 to get access to an SHARE channel, but with corresponding and lower level VIEW ONLY permission
- EXCLUSIVE: for single operator access only, use "Shift+Enter" only if the operator have EXCLUSIVE permission on this channel/source, otherwise Dialog box "No Permission" will pop up.

Introduction to the GET/PUSH interface

- Priority List Zone: on the left and center, you can add/remove by F3/F4, because there are possibly hundreds of node devices in a system.
- Devices Zone: on the right and center, a list of devices which is either access via AVCIT node, or directly a RTSP source.



Introduction to the KVM Control Panel(Visualized GET)

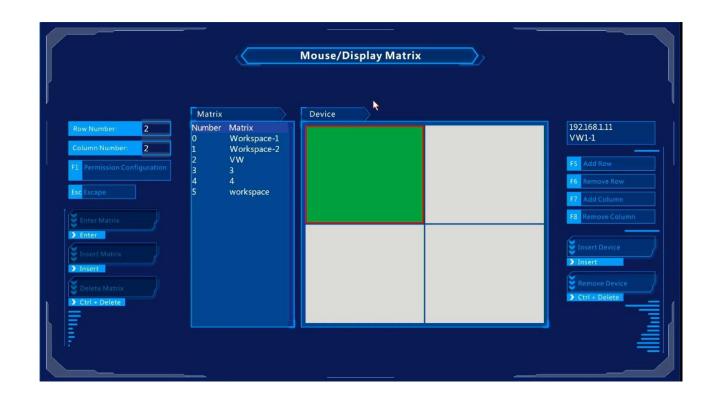
• KVM Control Panel is another version of GET interface, that allow operator to preview all sources that he is going to access

		2	KVM Con	trol Panel			
Workspace	\rightarrow	Sources Double-click to G	Informations			Access Control	
			* ID: 分布式运维平台-4k Occupied User: admin	IP: 1921681.71	Uplink Bitrates: 76.3 Mops	User: admin	Θ
			ID: Linux电脑	IP: 1921681.72	Uplink Bitrates: 1.7 Mbps		
			ID: 宣传片电脑-1主	IP: 1921681.73	Uplink Bitrates: 256.1 Mbp		
			ID: 车联网数据平台-1辅	IP: 1921681.74	Uplink Bitrates: 13.9 Mbps		
			ID: 智慧消防-2主	IP: 1921681.75	Uplink Bitrates: 96.0 Mbps		
			ID: 智慧交警-2辅	IP: 1921681.76	Uplink Bitrates: 11.4 Mbps		
		o 2	ID: 物流大数据电脑	IP: 192.168.1.77	Uplink Bitrates: 12.9 Mbps		
			ID: 开放式电脑	IP: 1921681.78	Uplink Bitrates: 13.8 Mbps		
			Current User: admin, Lo	cal Address: 192.168		Operators with same permission level need to welt for confirm High-level operators can disconnect cleacity without other ope	

Introduction to the Display/Mouse Matrix

Mouse/Display Matrix is the OSD, to connect multiple monitor to have the function of "cross-monitorswitching", steps are as follows:

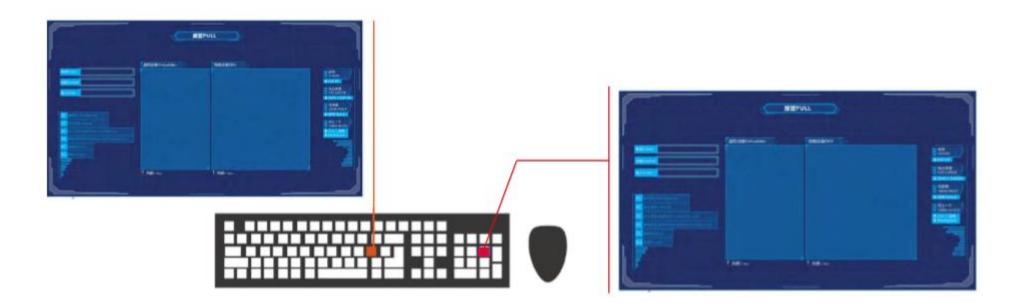
- Press "Menu" button(in the center of "LOGIN" OSD), then press F2 to enter "Mouse/Display Matrix"
- Insert a matrix i.e. name it "workspace1", add the IP address matrix of KVM decoder to finish;



Introduction to HOTKEY & OSD

Operator can get access to any computers by OSD

Operator's personal configuration will be acquired whichever KVM Console he log in.



HOTKEY - Get/Takeover

STEP1: Login by Double-click CTRL, type username/password, then escape by ESC

STEP2: Move your mouse to Cross LCD one by one

STEP3: Double-click CTRL, to activate GET, Double-click CTRL again to activate KVM Control Panel

STEP 4: move arrow key to select the PC that you are going to gain access to, Press ENTER to get access

HOTKEY - Push/Project

Step 1: Double-click SHIFT

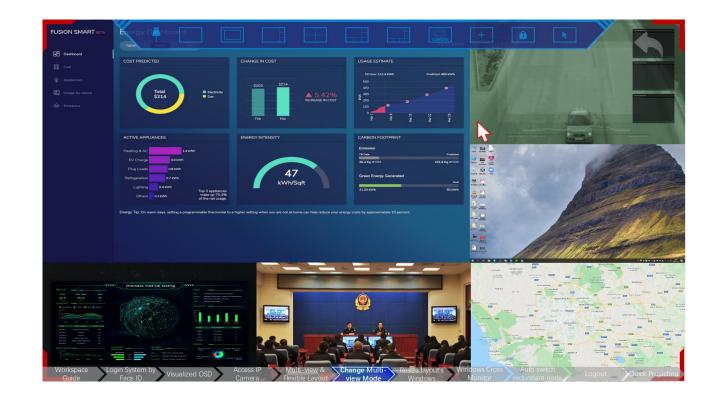
Step 2: Move arrow key to select the video wall

Step 3: Press ENTER to select video wall partition(you will see a red box on the wall), then ENTER to push current PC to the red box area.

	Priority List	Device	\supset			
Video : PC-2	Number Name	ID	Status	IP	Version	FULL PUSH
	m001 VW	VW1-1	Show	192.168.1.11	4032	
Control : PC-2	m002 Workspace-1	VW1-2	Show	192.168.1.12	4032	> Enter
	m003 Workspace-2	VW1-3	Show	192.168.1.13	4032	
Enter :	0 TV	VW1-4	Show	192.168.1.14	4032	
		SharpTV VW2-1	Show Show	192.168.1.15 192.168.1.21	4032 4032	> Space
		VW2-1 VW2-2	Show	192.168.1.22	4032	No.
and the second		VW2-3	Show	192.168.1.23	4032	CLOSE
F1 Re-Numbering		VW2-4	Show	192.168.1.24	4032	Ctri + DEL
F2 Re-Name		CON1-1	Show	192.168.1.25	4032	
		CON1-2	Show	192.168.1.26	4032	
Add to Priority List		CON2-1	Show	192.168.1.27	4032	
F4 Remove from Priority List		CON2-2	Show	192.168.1.28	4032	
F5 Refresh						
Escape						

HOTKEY - Multi-view Layout-Basic

Step 1: Double-click ALT, Select the "Multi-view control bar" on top of monitor, click to select, press ESC to quit Step 2: Move cursor into any block of a layout, Double-click CTRL/SHIFT to replicate GET/PUSH



Video Conference Functions

With a CTIA headset + USB camera connecting to the main KVM decoder:

- On KVM Control Panel, click the icon of Microphone(under Workspace) to launch one-to-one video calls
- Double-ALT to open Multi-view control bar, click "Custom" button, a 4x4 layout will open for maximumly 16 operators to have video conference



Multi-view Layout - icons





Above is Multi-view control bar

ICON	Descrption
	Pin the Multi-view control bar on screen
	6 default multi-view layouts
	Originally for custom-made layout, now defined as video conference mode
	Add new layers/windows on current layout(Max 8 layers)
6	Lock the current layout, with mouse control
	Lock current mouse control, view only

Multi-view Layout - More Options and Control



A	Save Layout as
	Set Default Layout
	Set Projecting To Connected Monitor 1
\checkmark	Layout linkage
	Audio is always mixed
	Input source ID
	Water ripple >

Double-ALT to open Multi-view control bar, This is the menu if you right click

Menu	Function Descrption(After ticking this menu)
Save Layout as	Overwrite default multi-view layouts by current layout
Set default layout	Reset current layout to be default multi-view layout
Set Projecting To Connected Monitor	Double-click a smaller window, to projest to a connected monitor
Layout linkage	Other connected monitors will sync the layout whatever you selected
Audio is always mixed	Audio from multiple layer's source is mixed
Input source ID	ID of encoder is displayed
Water ripple	Locate/track your mouse cursor, by a water ripple(sensitivity adjustable)



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