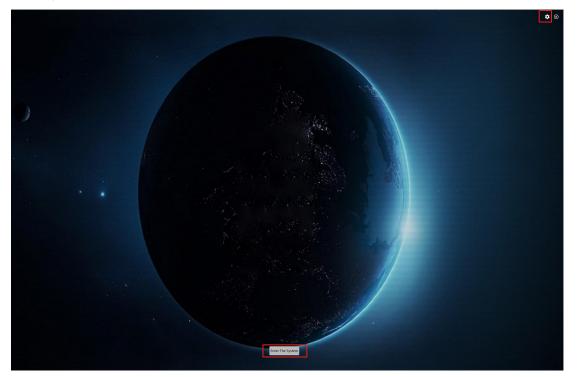
# **Operation Guide for DVSTool/xview Software**

This software is for the Devices settings, control and firmware upgrade. The default user name is admin, password is 123456



After login will be showing as the below: Setting icon is for all the settings, IP address changes, firmware etc Enter System will be for the Video wall and matrix switch controls



Settings icon: after click it, it will be showing this System setting window, we can click to maximumize it:

					* ⊗
			h		
	System settings     Darks Source Output Filtre User IPC	Duta Status System Log	? ×		
		Cre Factory Setting	Batch Modification		
		Device Name Modify Modify One Device	Key Lc @ Lock Unlock   Mac S Fixed N Randon   Devic Encode Decode   Network Params Start IP		
		Key LC Lock Unlock Mac S Fixed M Randon Device Encode Decode Network Params IP	End IP		
	< >	IP Netmask Gateway			
		Masimize Exit			
Date:         Source         Dulput         Flace         Dur         IPC         Duls           Search         Add Manually         Upgrade         Rebost         Restore Factory Setting	Status Sydem Log			<b>1</b> s	sect NIC 192.168.1.17 ~

						Device Info	User-defined	Batch Modification
All No.	Device IP Addr	Device Nar Subnet Masł Gateway	Mac	Device T Device Mor Software Ir Hardware Info	Net Speed		Device Model	Start Device ID
							Device Name	Key Lc  Lock Unlock
							Modify	Mac S O Fixed N O Randon
							Modify One	Device O Encode O Decode
							Device	Network Params
							🗌 Key Lc 🔿 Lock 🔿 Unlock	Start IP
							Mac S O Fixed M O Randon	End IP
							Device O Encode O Decode	Netmask
							Network Params	Gateway
							IP	OK
							Netmask	
							Gateway	
							OK	

**Device** is for finding all the transmitters and receivers:

nci		uu manuan	opgrade	Rebuot	Restore Factory !	secong						Device Info		
	No.	Device	IP Addr	Device Na	r Subnet Mas	F Gateway	Mac	Device T Device Mo	Software	Ir Hardware Info	Net Speed		User-defined	Batch Modification
	1	2	192.168.1.4	DELL	255.255.2	192.168.1.1	6C:F6:7D:	Encoder 925T	[2.0.0.8]	M1001U	100M		Device Name	Start Device ID
	2		192.168.1.7	N/A	255.255.2	192.168.1.1	A6:28:DE:	Decoder N/A	[2.0.0.8]	M1001U+	100M		Modity	🗌 Key Lt 🖲 Lock 🔿 Unio
	3		192.168.1.6	N/A		192.168.1.1		Decoder N/A		M1001U	100M		Modify One	Mac S O Fixed N O Ra
			192.168.1.9			192.168.1.1		Decoder N/A		M1001U+	100M			Device O Encode O D
	5				255.255.2			Encoder 925T		M1001U	100M		Device     Device     Key Lc      Lock      Unlock	Network Params
	6	5	192.168.1.8	N/A	255.255.2	192.168.1.1	DE:EE:D2:C	Decoder N/A	[2.0.0.8]	M1001U	100M		Mac S O Fixed M O Randon	End IP
													Device O Encode O Decode	Netmask
													Network Params	Gateway
													P	OK
													Netmask	
													Gateway	
													ОК	

From this Devices settings, we can set the device either work as Encoder or decoder, also the IP address settings, also need to have the start ID filled out, can set one by one or use the batch

## configuration:

			ly Upgrade	Reboot	Restore Factory S	Setting Periphe	ral Setting								
												Device Info		User-defined	Batch Modification
	No.	Device	IP Addr	Device Nam	Subnet Mask	Gateway	Mac	Device Ty Device Mode	Software Inf	Hardware Info	Net Speed	Device Bar	sic Infomation	Device Model	Start Device ID 6
	1	2	192.168.1.4	DELL	255.255.2	192.168.1.1	6C:F6:7D:	Encoder 925T	[2.0.0.8]	M1001U	100M	Device	N/A	Device Name	Juit Dence iD [0
:	5	6	192.168.1.5	Desktop	255.255.2	192.168.1.1	48:3F:	Encoder 925T	[2.0.0.8]	M1001U	100M	Device	N/A	Modify	🗌 Key Lc 🖲 Lock 🔾 Unlock
1	3	3	192.168.1.6	N/A	255.255.2	192.168.1.1	CE:	Decoder N/A	[2.0.0.8]	M1001U	100M		. [2.0.0.8][0.0.0]	11 17 0	Mac S O Fixed N O Ranc
2	2	4	192.168.1.7	N/A	255.255.2	192.168.1.1	A6:28:DE:	Decoder N/A	[2.0.0.8]	M1001U	100M	Hardwa	. M1001U-SS400MC-50E	Modify One	Device O Encode O Dece
	6	5	192.168.1.8	N/A	255.255.2	192.168.1.1	DE:EE:D2:C	Decoder N/A	[2.0.0.8]	M1001U+	100M	IP:	192.168.1.9	Genera	Network Params
	4	1	192.168.1.9	N/A	255.255.2	192.168.1.1	0E:	Decoder N/A	[2.0.0.8]	M1001U	100M	Subnet	. 255.255.255.0	Key Lc O Lock O Unlock Mac S O Fixed M O Randon	Stort IP 192 168 1 6
													192.168.1.1	Mac S      Hoted M      Randon     Device      De	Endep 192 168 1 9 Netmark 255 255 0
												Status	Online	Network Params	Gateman 192 168 1
												Device		IP 192 168 1 4	OK
												Output Pro	operty	Netmask 255 255 255 0	
												Resoluti.	1920x1080P60 ~	Gateway 192 168 1 1	
												Output Ima	age	OK	
												Lightness	a: 45		
												Contrast	<b></b> 50		
												Hue:	50		
												Saturati.	<b></b> 9		
													. Set Default		
												Audio Out	-		
												Audio			
													am Protocol Udp Multicast		

### Devices upgrading:

AI	No.	Device	IP Addr	Device Nam	K Subnet Mask	Gateway	Mac	Device Ty D	evice Mode So	ftware inf	Hardware Info	Net Speed	User-defined Batch Modificat	
	1	2	192.168.1.4	DELL	255.255.2	192.168.1.1	6C:F6:7D:	Encoder 92	25T [2	0.0.8]	M1001U	100M	Davice Model Start Device ID	4
	2	1	192.168.1.9	N/A	255.255.2	192.168.1.1	B8:B4:49:19	Decoder N	/A [2	0.0.8]	M1001U+	100M	Modify Key Lc   Lock	O Unio
	3	4	192.168.1.7	N/A	255.255.2	192.168.1.1	A6:28:DE:	Decoder N	/A [2	0.0.8]	M1001U	100M	Mac S O Fixed	N 🔿 Ra
	4	3	192.168.1.6	N/A	255.255.2	192.168.1.1	CE:	Decoder N	/A [2	0.0.8]	M1001U	100M	Modify One Device O Encode	
	5	6	192.168.1.5	Desktop	255.255.2	192.168.1.1	48:3F:	Encoder 92	25T [2	0.0.8]	M1001U+	100M	Device Network Parame	
	6	5	192.168.1.8	N/A	255.255.2	192.168.1.1	DE:EE:D2:C	Decoder N	/A [2	0.0.8]	M1001U	100M	Key Lc O Lock O Unlock Start IP 192 16	
													Mac S O Fixed M O Randon End IP 192 16	
													Devici Encode Decode Netmask 255 25	
													Network Params Gateway 192 16	
													IP OK	
													IP OK OK	
													Netmask	
								đ	Firmware upgr	sde		×	Gateway CK	
											colors during the upon		Gateway CK	
								Tin	Make sure the t	cor is always			Gateray Core	
								Tin	r Make sure the t are/UpdateFile_V	ox is abaavs 2.0.0.8_VE41		ide process	Gateray Core	
								Tin	Make sure the t are/UpdateFile_V IO. IP	ox is abaavs 2.0.0.8_VE41	BM-CE_SS400MC-50E_2 el Progress	de process 0230404195606.bin Open Upgrade	Gateray Core	
								tu tw	Make sure the tare/UpdateFile_V lo. IP 192.16	ox is always 2.0.0.8_VE41 Mod	el Progress	ode process 0230404195606.bin Oper Upgrade Status	Gateray Core	
								tim two 0	In Make sum the t are/UpdateFile_V IO. IP 192.16 192.16	000 is always 2.0.0.8_VE41 Mod 8 M10	el Progress	nde porcessi rozioad4195606.kin Oper Upgrade Status 13%	Gateray Core	
								Tim two N 0 1	Make sure the t are/UpdateFile V 192.16 192.16 192.16	Mod 8 M10 8 M10	am-ce_ssionmc-soe_z el Progress	ade process 0220000195505.km Open Upgrade Status 13% 14%	Gateray Core	
								N 0 1 2	Make sure the F are/UpdateFile_V 192.16 192.16 192.16 192.16	Mod 8 M10 8 M10 8 M10 8 M10	BM-CE_SS400MC-50E_Z	Ada processi Status 13% 14% 14%	Gateray Core	

#### Source tab is for input sources grouping:

Devic	Sou	ice 0	itput Place User	IPC D	Xata Status S	stem Log					Select NIC 192.168.1	1.17 ~
Sec	rch Add	d Manuall	ł						Create Group Delete	Move Up Move Down Rename		
All	nch Add No. 1 2	ID 2 6	IP Addr 192, 168, 1, 4 192, 168, 1, 5	DELL	Input Resolution 3840x2160 3840x2160	Encoding Resc 3840x2160 3840x2160	Iutio HDMI Status Connected Connected		Create Group Delete Delete	192.168.1.4		
								Add				

Output for adding the outputs to list on the right side:

Select NIC 192.168.1.17 ~

1         4         192.081.0         1820x1080           2         3         192.081.0         NA         1920x1080           3         1         192.1081.0         NA         3840x2160           4         5         192.1081.18         NIA         1920x1080	L	No.	ID	IP Addr	Device Name	Output Resolution
3 1 192.168.1.9 N/A 3840x2160		1	4	192.168.1.7	N/A	1920x1080
4 5 192,168,118 N/A 1920x1080						
		4	5	192.168.1.8	N/A	1920x1080

All	No.	ID	IP	Name	
	1	1	192.168	192.168.1.9	
	2	3	192.168	192.168.1.6	
	3	4	192.168	192.168.1.7	
	4	5	192.168	192.168.1.8	

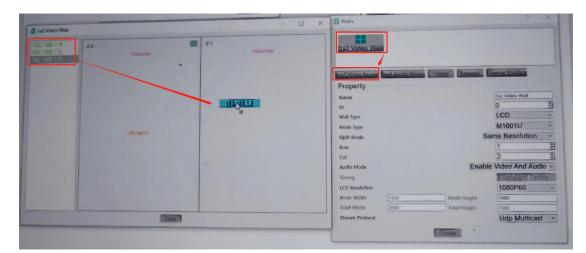
#### Place is for creating the Video Wall or Matrix Switcher:

levice Source	Output Place	User	IPC	Data	Status	System	Log	Select NIC	192.168.1.17
Walls Matri creen List	os Delete					ite Place			
Ali ID	Name	Туре		٨	dđ				

#### Create Video Walls

NACE STOLE FOR THE CALL FOR SAULT SAULT	102	Given NY 1921	IKR 1 17
System settings		III Walls	? ×
Device Source Output Place	User IPC Data Stat		
Walls Matrixs Delete Screen List		1x2 Video Wall	
All ID Name	Туре	Bind Video Nodes Bind Audio Nodes Delete Rename	Change Position
		Property	
		Name	1x2 Video Wall
		ID	0 \$
		Wall Type	LCD ~
	Add	Node Type	M1001U ~
		Slplit Mode	Same Resolution 🔍
		Row	1
		Col	2
		Audio Mode Enal	ble/Video And Audio 🗸
		Timing	Standard Timing ~
		LCD Resolution	1080P60 ~
		Node Width 1920 Node Height	1080
		Total Width 3840 Total Height	1080
	Maximize	Stream Protocol	Udp Multicast 🗸
	WIGATITILZE	Create	

After create the video wall, will need to bind the video nodes:



When drag the devices from the left side to the video wall, the display will be lighted up:



Matrix create and bind the receivers:



Then create places, here created 2 examples:

/stem	settings									?	
evice	Source	Output Plac	e User	IPC	Data	Status	System	Log	🔹 Select NIC	192.168.1.17	<b>′</b> ~
Wall	Matrixs	Delete				Crea	ite Place De	elete			
creen L	ist					~	Place				
All	ID	Name	Туре				🔒 Video				
1	1	2 Screens					🔒 Matriz	x			
- 1	0	1x2 VW	Wall		-						
					Ad	d					

Maximize Exit

#### Select the screen list and add to the places:





User tab is for change password or adding users with different rights:

	Source Output	t Place L	lser IPC Da	Status System Log Select NIC 192.168.1.17
Jsers				Permission Management
ID	Account	Password	Permission	Source And Group
0	admin	123456	Administrator	✓ Source Group
1	Rocky	123456	User	<ul> <li>✓  □ DELL</li> <li>□  □ Desktop</li> </ul>
	ricenty	120100		
				Places ✓ 闖 Place
				✓ ☑ 🔐 Video Wall
Usernan	ne	Rocky		<ul> <li>✓ ■ 2 Screens Matrix</li> <li>✓ □          <sup>(a)</sup> Matrix</li> </ul>
	d	123456		
Passwor				
Passwor Permissi	on	User		

IPC for adding the IP cameras which are in the LAN:

System	settings												?	$\times$
Device	Source	Output	Place	User	IPC	Data	Status	System	n Log	0	Select NIC	192.168	.1.17	~
Search	Clear	atch Pas	sswore atch	Authenticatio	dd Rtsp	Add atch l	mpor		Add Group	Delete	Move Up	Nove Dowr	Renam	ne
All	No. I	P U	Jsern: Pa	ssw Addres	55	Main stre	eam	Add	> _ Sou	Irce Gro	dr			
					И	Maximize	Exit							

Data is for opening server to accept the Designer project uploading or uploading the data or configuration to the other control devices.

System settings											?		
Device	Source	Output	Place	User	IPC	Data	Status	System	Log	Select NIC	192.168.1.1	7 ~	
Down	nload Ma	nagerme	nt				Upload	Manager	ment				
Local IP:	: 192.168.1.1	7					Remote IP:						
Transmi	ission Inform	ation					Transmission Information						
		cess. waitin											
			Close Serve	er					Upload Data	load Configura	ti		
			Close serve	21	I	Maximize	Exit	i î			9		

Status for the showing the devices status:

Source Output	Place U	er IP	C Data	Status	System	Log				🕵 Select NIC	192.168.1.17 ~
IP	Devic	e Name	De	vice T State	us	Sent	Received	CPU	Memory		
192.168.1.4	DELL		Inp	ut Onlir	ne	1.33 Mbps	34.00 Kbps	20.00%	total:256.44 MB, used:50.64 MB		
192.168.1.5	Deskt	ор	Inp	ut Onlin	ne	1.24 Mbps	28.00 Kbps	14.53%	total:256.44 MB, used:49.91 MB		
192.168.1.9	192.1	68.1.9	Ou	tput Onlin	ne	47.00 Kbps	1.00 Kbps	2.20%	total:256.44 MB, used:35.81 MB		
192.168.1.6	192.1	68.1.6	Ou	tput Onlin	ne	0.00 Kbps	2.00 Kbps	5.71%	total:256.44 MB, used:36.03 MB		
192.168.1.7	192.1	68.1.7	Ou	tput Onlin	ne	0.00 Kbps	47.00 Kbps	3.25%	total:256.44 MB, used:36.39 MB		
192.168.1.8	192.1	68.1.8	Ou	tput Onlin	ne	0.00 Kbps	2.00 Kbps	6.66%	total:256.44 MB, used:36.02 MB		
	IP 192.168.1.4 192.168.1.5 192.168.1.9 192.168.1.6 192.168.1.7	IP Devic 192.168.1.4 DELL 192.168.1.5 Deskt 192.168.1.9 192.1 192.168.1.6 192.1 192.168.1.7 192.1	IP         Device Name           192.168.1.4         DELL           192.168.1.5         Desktop           192.168.1.9         192.168.1.9           192.168.1.6         192.168.1.6           192.168.1.7         192.168.1.7	IP         Device Name         De           192.168.1.4         DELL         Inp           192.168.1.5         Desktop         Inp           192.168.1.6         192.168.1.9         Ou           192.168.1.6         192.168.1.6         Ou           192.168.1.7         192.168.1.7         Ou	IP         Device Name         Device 1 Stat           192.68.1.4         DELL         Input         Onli           192.168.1.5         Desktop         Input         Onli           192.168.1.9         192.168.1.9         Output         Onli           192.168.1.8         192.168.1.7         Output         Onli           192.168.1.7         Output         Onli         Output         Onli	IP         Device Name         Device 1 Status           192.86.1.4         DELL         Input         Online           192.188.1.5         Desktop         Input         Online           192.188.1.6         192.188.1.6         Output         Online           192.188.1.6         192.188.1.6         Output         Online           192.188.1.7         192.188.1.7         Output         Online	IP         Device Name         Device 1 Status         Sent           192.68.1.4         DELL         Input         Online         1.33 Mpps           192.188.1.5         Desktop         Input         Online         1.24 Mpps           192.188.1.5         Desktop         Input         Online         1.24 Mpps           192.188.1.6         192.168.1.6         Output         Online         4.70 Kpps           192.188.1.6         192.168.1.7         Output         Online         0.00 Kbps           192.188.1.6         192.168.1.7         Output         Online         0.00 Kbps	IP         Device Name         Device 1 Status         Sent         Received           192.86.1.4         DELL         Input         Online         1.33 Mppia         3.00 Kbpp           192.186.1.5         Desktop         Input         Online         1.24 Mbpp         28.00 Kbpp           192.186.1.9         192.168.1.9         Output         Online         4.70 Kbpa         1.00 Kbpa           192.186.1.6         192.168.1.6         Output         Online         4.70 Kbpa         2.00 Kbpa           192.186.1.7         192.168.1.7         Output         Online         0.00 Kbpa         2.00 Kbpa           192.186.1.7         192.168.1.7         Output         Online         0.00 Kbpa         2.00 Kbpa	IP         Device Name         Device 1         Status         Serie         Received         CPU           192.86.1.4         DELL         input         Online         1.33 Mbps         34.00 Kbps         20.00%           192.168.1.5         Desktop         input         Online         1.24 Mbps         28.00 Kbps         14.53%           192.168.1.5         Desktop         Input         Online         47.00 Kbps         10.00 Kbps         1.63 %           192.168.1.6         192.168.1.6         Output         Online         0.00 Kbps         2.00 Kbps         3.71%           192.168.1.7         192.168.1.7         Output         Online         0.00 Kbps         2.00 Kbps         3.71%           192.168.1.7         192.168.1.7         Output         Online         0.00 Kbps         2.00 Kbps         3.21%	IP         Device Name         Device 1 Status         Sant         Received         CPU         Memory           192.68.1.4         DELL         Input         Online         1.33 Mps         34.00 Kbps         20.07% total.255.44 MB, used:50.64 MB           192.168.1.5         Desktop         Input         Online         1.24 Mbps         28.00 Kbps         14.53% total.256.44 MB, used:30.64 MB           192.168.1.5         192.168.1.6         Output         Online         47.00 Kbps         2.00 Kbps         1.04 Mbs, used:30.64 MB           192.168.1.6         192.168.1.6         Output         Online         47.00 Kbps         2.00 Kbps         2.04 kbg, used:30.64 MB           192.168.1.7         192.168.1.7         Output         Online         0.00 Kbps         2.00 Kbps         2.04 kbg, used:30.34 MB           192.168.1.7         192.168.1.7         Output         Online         0.00 Kbps         2.00 Kbps         3.05 Kbps         3.05 MB	IP         Device Name         Device 1 Status         Serie         Received         CPU         Memory           192.168.1.4         DELL         input         Online         1.33 Mbps         34.00 Kbps         20.00%, total:256.41 MB, used:30.64 MB           192.168.1.5         Desktop         input         Online         1.24 Mbps         28.00 Kbps         146.33%, total:256.44 MB, used:30.64 MB           192.168.1.5         Desktop         input         Online         1.20 Mbps         2.00 Kbps         14.03%, total:256.44 MB, used:30.64 MB           192.168.1.5         Desktop         input         Online         1.24 Mbps         2.00 Kbps         14.03%, total:256.44 MB, used:30.64 MB           192.168.1.5         Desktop         Output         Online         0.00 Kbps         2.00 Kbps         2.00 Kbps         3.01 Mbps           192.168.1.6         192.168.1.7         Output         0.00 Kbps         2.00 Kbps         3.20 Mbps         3.00 Mbps           192.168.1.7         192.168.1.7         Output         0.00 Kbps         2.00 Kbps         3.20 Mbps         3.00 Mbps

Enter System to start control the video wall or matrix switchers:

