



#### EVMX42MV Quick Start Guide

# 4K 4×2 Seamless Audio and Video Matrix with Multiview

#### **Safety Instructions**

For optimum performance and safety, please read these instructions carefully before use and keep this manual for future reference. Please have the part number, serial number, and invoice available when requesting support.

- To prevent electric shock, please ensure that all apparatus is properly grounded.
- Place the device in a well-ventilated area, do not block any ventilation openings.
- Do not expose this apparatus to rain or place it near water. Any liquid that goes into the apparatus may cause a failure, fire, or electric shock.
- Do not place the device on an uneven or unstable surface. The device may fall resulting in a malfunction.
- Never insert anything metallic into the open parts of this apparatus. This may cause a danger of electric shock.
- If a third-party power supply is used, please ensure that the power supply specifications meet the product requirements.

#### Introduction

The Evolution by Vanco EVMX42MV 4×2 HDMI Matrix allows up to four HDMI sources to be distributed up to two displays with full seamless switching flexibility. The EVMX42MV features the ability of passing 4K@60Hz resolution and 4:4:4 chroma subsampling with HDR. Multiple sources can be displayed independently on either, or both displays. Users can display one, two, three, or all four sources at once using any of the eight different built-in display modes. Audio can be set to any source in multiview mode, with the ability of breaking out audio with analog and digital connections. With the ability to control switching via the front panel, IR, RS-232, and TCP/IP, along with an easy and intuitive user interface, the EVMX42MV is a great solution for digital signage, sports bars, collaboration spaces, and more.

#### **Product Features**

- Supports 4K@60Hz, 4:4:4 Chroma with HDR
- Delivers signals from up to 4 sources independently to 2 displays
- Multiview mode allows for multiple sources to be displayed on one screen
- 8 different modes for customized multi-view applications
- · Each output is fully independent and can display different sources even in multiview mode
- · Seamless switching and routing of audio and video
- Analog and digital audio breakouts
- Controllable via front panel, IR, RS-232 and TCP/IP
- · Easy and intuitive user interface for setup and to control switching
- HDMI 2.0 and HDCP 2.3 compliant
- Rack mountable design

# **Packaging Contents**

(1) EVMX42MV 4K 4x2 Seamless Audio and Video Matrix with Multiview

- (1) IR remote
- (1) IR receiver
- (1) 12V/2.5A locking power supply
- (1) RS232 DB9 male to female cable
- (2) Rack mounting ears
- (8) Mounting screws
- (1) Quick start guide

# **Product Specifications**

Technical				
HDMI compliance	HDMI 2.0b	HDMI 2.0b		
HDCP compliance	HDCP 2.2 / 1.x	HDCP 2.2 / 1.x		
Video bandwidth	8Gbps			
Video resolution	Up to 4K2K@60 4:4:4			
IR frequency	38KHz			
Color space	RGB, YCbCr 4:4:4, YCb	Cr 4:2:2, YCbCr 4:2:0		
Color depth	8/10/12-bit			
	HDMI	PCM2.0/5.1/7.1CH, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio		
Audio formats	Analog	3.5mm L/R: PCM2.0		
	Optical fiber	PCM2.0/5.1/7.1CH, Dolby Digital/plus, DTS 5.1		
ESD protection	Human body model	±8kV (air-gap discharge) & ±4kV (contact discharge)		
Connections				
Input	4x HDMI input (Type A,	19-pin female)		
	2x HDMI out (Type A, 1	9-pin female)		
Output	2x L/R dual-RCA			
	2x SPDIF optical			
	1x TCP/IP RJ45			
Control	1x RS232 DB9			
	1x IR extension (3.5mm stereo jack)			

Mechanical	
Housing	Metal enclosure
Color	Black
Weight	2.23kg / 4.9lbs
Dimensions	440mm x 203mm x 44.5mm / 17.32" x 8.00" x 1.75"
	Input: AC100-240V (50/60Hz)
Power supply	Output: DC 12V/2.5A, CE/FCC/UL PSU
	Full Load: 22W
Device concention	No Load: 9.6w
Power consumption	Standby Mode: 1.44W
	0-40° C / 32-104° F
Operating temp.	20-90% RH (no-condensing)
Relative humidity	20-90% RH (no-condensing)

# **Panel Descriptions**

	1	2	3	4	5 6 7
		1 2			
<b>F</b> VOLUTION	PWR	τυστυο			
A Vanco Brand	IR 🔵				
		1 2	3 4 ED E		FULL 16:9 LOCK
	<u> </u>	·			
	8	9			10 11 12

Fro	nt Panel	
1	Power LED	Emits green when the product is on and active, and red when the product is in standby mode.
2	Output 1/2 Buttons	Output Channel Selection Buttons. Press OUTPUT 1/2 button to select output channel 1 or 2
3	AUTO Button	<ul> <li>Turns on/off the input auto switching function (only available in single display mode).</li> <li>When ON, the latest active inserted HDMI input source will be displayed automatically. Alternatively, if the current source selected is powered off or disconnected, the matrix unit will automatically switch to the next source that is sending signal, sequentially.</li> <li>Note that this is dependent on the 5V of power that HDMI sources send, some sources do not stop sending signal when in sleep mode.</li> <li>When OFF, switching can only occur using front panel, IR, RS232, or IP commands.</li> </ul>
4	Multi-view Mode Buttons	Press to switch to the corresponding display modes: Single/PIP/Dual 1/Dual 2, Triple 1, Triple 2, Quad 1/ Quad 2
5	Audio Button	Audio source selection button toggles through the active sources and embeds audio from that source to the output.
		Press OUTPUT # + AUDIO + INPUT #
		Sets the output resolution of a selected output.
6	Resolution Button	Short press: This will toggle through the output resolutions available. Press OUTPUT # + RESO.
		Long press: Automatically have the selected output resolution to 720P@60Hz. Press OUTPUT # + RESO. (hold for 3 seconds and release).
7	Power Button	Short press to power on the device. Long Press to enter Standby Mode
8	IR Window	Receives IR signal for remote control
9	INPUT 1/2/3/4	Input source selection buttons
10	Full Button	Sets the display aspect ratio to full screen when using Dual 1, Dual 2, Triple 1, Triple 2, and Quad 2 display modes. Press OUTPUT # + FULL
11	16:9 Button	Sets the display aspect ratio to 16:9 when using Dual 1, Dual 2, Triple 1, Triple 2, and Quad 2 display modes. Press OUTPUT # + 16:9
12	LOCK Button	Press to lock/unlock the front panel buttons

CONF R5-22	OUT 1	OUT 2	NR/T-	IR EXT DC 12V	<b>@</b> @
	3		5		\ ه

#### **Rear Panel**

1	TCP/IP Port	Ethernet port to connect to network, computer, or control system
2	RS232 Port	RS232 serial control port to connect to a computer or control system
3	OUT 1 Ports	L/R: PCM 2.0 analog audio output OPTICAL: Optical digital audio output HDMI: HDMI 1 output
4	OUT 2 Ports	L/R: PCM 2.0 analog audio output OPTICAL: Optical digital audio output HDMI: HDMI 2 output
5	HD 1/2/3/4 INPUT Ports	HDMI source signal input ports
6	IR EXT Port	Receives remote IR signals using the provided IR receiver cable
7	DC 12V	Connect the included DC 12V/2.5A power supply for power
8	Grounding Port	Connecting the chassis of the unit to a ground.

## **Connection Diagram**



- 1. Connect sources such as a Blu-ray player, game console, A/V receiver, etc. to the HDMI inputs on the unit. Insert and extract cables carefully with the power switched off. Connecting and disconnecting while the unit is powered can result in damage to circuitry.
- 2. Connect the HDMI outputs that go to the displays.
- 3. OPTIONAL: Connect the provided IR RX cable to extend the IR receiving capabilities.
- 4. OPTIONAL: Connect an Ethernet cable from the TCP/IP port on the matrix to a Local Area Network, or RS232 to the RS232 port on the matrix for communication and control.
- 5. OPTIONAL: Connect audio outputs to de-embed, and route audio.
- 6. Connect the power cable to the power receptacle port on the matrix.
- 7. Connect power supply to an available electrical outlet and power on the device to test.

IR receiver pin's definition is as below:



## **IR Remote**

- 1. Power button: press this button to power on the matrix switcher or set it to standy mode.
- 2. Mute button: press this button to mute/unmute the audio
- 3. HD 1/2/3/4: press these buttons to select the input source in single screen display mode.

➡ : press these buttons to circularly select the last or next input source in single screen display mode.

- 4. AUTO: Input source auto switching function button, functioning the same as the AUTO button on the front panel.
- 5. RESO: Output resolution switching button. This button functions as the same as the RESO button on the front panel.
- HD 1/2/3/4 (A-IN): Audio source selection buttons. Press these buttons to select the corresponding audio source from HDMI INPUT 1/2/3/4. (The output audio follows the video source by default.)

OUT 1/2: Press OUT 1/2 button to enter the OSD menu of the HDMI OUT 1/2 port, and set the corresponding function byt presssing  $\blacktriangle$  /  $\checkmark$  /  $\checkmark$  /  $\checkmark$  /  $\checkmark$  /  $\circlearrowright$  / ( $\circlearrowright$  /  $\circlearrowright$  / ( $\circlearrowright$  / )

- Multiview buttons: Press these buttons to select the required multiview display mode (SINGLE/PIP/DUAL 1/ DUAL 2/TRIPLE 1/TRIPLE 2/QUAD 1/ QUAD 2)
- 9. PIP settings

POSITION: Press this button to set the position of WIN 2 in PIP mode. SIZE: Press this button to set the size of WIN 2 in PIP mode.

10. Aspect ratio settings

FULL: Press this buttonw to seet the windowns display aspect ration to be full screen for Dual 1/ Dual 2/ Triple 1/ Triple 2/ Quad 2 display mode. 16:9 Press this button to seet the windows display aspect ration to be 16:9 for

Dual 1/ Dual 2/ Triuple 1/ Triple 2/ Quad 2 display mode.



# **EDID Settings**

No.	EDID Mode	No.	EDID Mode
1	4K60-2.0CH	11	1680x1050-2.0CH
2	4K60-5.1CH	12	1600x1200-2.0CH
3	4K60-7.1CH	13	1440x900-2.0CH
4	4K30-2.0CH	14	1360x768-2.0CH
5	4K30-5.1CH	15	1280x1024-2.0CH
6	4K30-7.1CH	16	1024x768-2.0CH
7	1080P-2.0CH	17	720P-2.0CH
8	1080P-5.1CH	18	AUTO
9	1080P-7.1CH	19	USER
10	1920x1200-2.0CH		

Select the following modes via OSD menu navigation (USER is USER 1).

User can select following EDID modes via RS-232 commands or Web UI.

No.	EDID Mode	No.	EDID Mode
1	4K60-2.0CH	11	1680x1050-2.0CH
2	4K60-5.1CH	12	1600x1200-2.0CH
3	4K60-7.1CH	13	1440x900-2.0CH
4	4K30-2.0CH	14	1360x768-2.0CH
5	4K30-5.1CH	15	1280x1024-2.0CH
6	4K30-7.1CH	16	1024x768-2.0CH
7	1080P-2.0CH	17	720P-2.0CH
8	1080P-5.1CH	18	AUTO
9	1080P-7.1CH	19	USER 1
10	1920x1200-2.0CH	20	USER 2
		21	USER 3

# Scaling

The switcher supports multiple resolution video inputs up to 3840x2160@60 and supports multiple audio formats (PCM2.0/5.1/7.1CH, Dolby Digital/Plus/ EX, Dolby True HD, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio) pass-through function via HDMI cable.

The switcher supports the following video output resolutions:

No.	Output Resolution	No.	Output Resolution
1	4096x2160p 60Hz	8	1920x1080p 60Hz
2	4096x2160p 50Hz	9	1920x1080p 50Hz
3	3840x2160p 60Hz	10	1360x768p 60Hz
4	3840x2160p 50Hz	11	1280x800p 60Hz
5	3840x2160p 30Hz	12	1280x720p 60Hz
6	3840x2160p 25Hz	13	1280x720p 50Hz
7	1920x1200p 60Hz RB	14	1024x768 60Hz
		15	AUTO

### **Multiview Modes and Operation**

#### The EVMX42MV supports eight different multiview display modes:

- Single/PIP (Picture In Picture)/Dual 1/Dual 2/Triple 1/Triple 2/Quad 1/Quad 2
- Select different operations for different multiview modes as follows:
- Single: Displays one source at a time
- PIP (Picture In Picture): Displays a main source, with a secondary source in a smaller window that can be placed in multiple locations
- Dual 1, Dual 2, Triple 1, Triple 2, Quad 1, Quad 2: Displays multiple sources in the following formats.



Multiview display modes can also be set via RS-232 and TCP/IP commands, OSD menu navigation and/or Web GUI.

Output	Resolution	3840x2160p60	4096x2160p 60Hz 4096x2160p 50Hz 3840x2160p 60Hz 3840x2160p 50Hz 3840x2160p 30Hz 3840x2160p 25Hz 1920x1200p60Hz RB 1920x1080p 60Hz 1920x1080p 50Hz 1280x768p 60Hz 1280x720p 60Hz 1280x720p 50Hz 1024x768 60Hz
	VKA	BLACKSCREEN	BLACKSCREEN, BLUESCREEN
	ITC	OFF	ON, OFF
	Single	Input select	HDMI1, HDMI2, HDMI3, HDMI4
		Win1 Select	HDMI1, HDMI2, HDMI3, HDMI4
		Win1 SelectHWin2 SelectHPIP PositionRLPIP SizeS	HDMI1, HDMI2, HDMI3, HDMI4
	PIP	PIP Position	Right Bottom, Right Top,
		PIP Position	Left Bottom, Left Top
		PIP Size	Small, Middle, Large
		Win1 Select	HDMI1, HDMI2, HDMI3, HDMI4
	DRD	Win2 Select	HDMI1, HDMI2, HDMI3, HDMI4
		MODE	1, 2
		Aspect	Full, 16:9
Multiview		Win1 Select	HDMI1, HDMI2, HDMI3, HDMI4
		Win2 Select	HDMI1, HDMI2, HDMI3, HDMI4
	3 x WIN	Win3 Select	HDMI1, HDMI2, HDMI3, HDMI4
		MODE	1, 2
		Aspect	Full, 16:9
		Win1 Select	HDMI1, HDMI2, HDMI3, HDMI4
		Win2 Select	HDMI1, HDMI2, HDMI3, HDMI4
		Win3 Select	HDMI1, HDMI2, HDMI3, HDMI4
	4 X WIIN	Win4 Select	HDMI1, HDMI2, HDMI3, HDMI4
		MODE	1, 2
		Aspect	Full, 16:9

AUDIO	Audio Select	WIN1	WIN1, HDMI1, HDMI2, HDMI3, HDMI4
	AUDIO-MUTE	OFF	ON, OFF
System	EDID	4K60-2.0	4K60-2.0, 4K60-5.1CH, 4K60-7.1CH, 4K30-2.0CH, 4K30-5.1CH, 4K30-7.1CH, 1080P-2.0CH, 1080P-5.1CH, 1080P-7.1CH, 1920×12002.0CH, 1680×1050- 2.0CH, 1600×1200-2.0CH, 1440×900 -2.0CH, 1360×768-2.0CH, 1280×1024-2.0CH, 1024x 768-2.0CH, 720P-2.0CH, AUTO, USER1
	Baud rate	115200	115200, 57600, 38400,
	19200, 9600		
	Reset	Reset	Reset
	FW Version		Read only

### **Browser Base User Interface**

The matrix can be controlled using a browser-based graphical user interface (GUI).

#### The default IP address is 192.168.0.100

If the IP address is changed, it is important to record the new IP address, if it cannot be located, the IP address can be found using RS-232 control by using the Vanco Serial Tool found on the Vanco website (https://www.vanco1.com/faq/), and send the ASCII command " r ipconfig!" (no quotes). The feedback information as shown:

**Step 1:** Connect the TCP/IP port of the matrix to a PC with an UTP cable, and set the IP address of the PC to be in the same network segment as the switcher.

IP Mode: DHCP IP:192.168.62.109 Subnet Mask:255.255.255.0 Gateway:192.168.62.1 TCP/IP port:8000 Telnet port:23 Mac address:6c-df-fb-0c-b3-8e

Step 2: Input the current IP address of switcher into the browser on the PC to enter Web GUI page.

S https://192.168.0.100

After entering the Web GUI page, there will be a Login page, as shown below:

Upersame and a second s
18Chps & 2 Multiviewer Saamtins UHD Video Matrix Switcher

Select the Username from the list and enter the password. There are 2 different logins based on admin access (full access), and user access (source switching without advanced audio/video settings and setup). The default credentials are:

ADMIN (full access) Username: Admin USER (limited access) Username: User

Password: admin Password: user

Select the language from the list, and click the "LOGIN" button or tap the "ENTER" button.

#### **Status Page**

The Status page provides basic information about the product model, firmware version, host name, and the network settings of the device.

FUDLILITIOD	18Gbps 4x2 Multiviewer Seamless UHD Video	Matrix Switcher	Log out Power on
	Status		
Status	Model	EVMX42MV	
Input	Firmware Version	V1.10.02/V2.00.09	
Output1	Hostname	IP-module-FC738	
Output2	IP Address	192.168.0.100	
Network Svstem	Subnet Mask	255.255.255.0	
	Gateway	192.168.0.1	
	MAC Address	6C:DF:FB:0F:C7:38	

#### Presets

- 1. Click to type in a custom name for the preset
- 2. Sets and recalls the preset
- 3. Saves the current matrix configuration
- 4. Clears and resets the preset

r	18Gbps 4x2 Multiviewer Seamless U	JHD Video Matrix Switche	r	
	Presets			
Status	Presets Name	Presets Set	Presets Save	Presets Clear
Presets	Preset1	Set 2	Save 3	Clear 4
1100010	Preset2	Set	Save	Clear
Input	Preset3	Set	Save	Clear
Output 1	Evolution 1	Set	Save	Clear
Output 1	Vanco	Set	Save	Clear
Output 2	Preset6	Set	Save	Clear
	Preset7	Set	Save	Clear
Network	Preset8	Set	Savo	Cloar
System				

### **Input Page**

The Input Page allows for changes and setup of EDID for each of the HDMI source inputs.

- 1. Inputs: Input channel of the device.
- 2. Active: It indicates whether the channel is connected to a signal source.
- 3. Name: The input channel's name. Input names can be changed by entering the corresponding name (max length: 12 characters) in the input box .
- 4. EDID: Click the drop-down list to set the current channel's EDID setting.
- 5. Load EDID to user memory: Set EDID for the User. Click the "Browse" button, then select the bin file. If the wrong EDID file is selected, an error message will prompt you to load the correct file.
- 6. Download EDID to your computer: To download the existing EDID settings, click the drop-down box of "Select EDID File" to select the input channel, then click "Download" to save the corresponding EDID file to a computer.

F	18Gbps 4x2 Multiviewer S	eamless UHD Vide	o Matrix Switcher			🛓 Adm	in Layad Poweran
<u>Evolution.</u>	Input Setting						
Status	Inputs	Active	Name	EDID			
	HDMI 1		Input1	1080P,Dolby/DTS 5.1 V			
Input	HDMI 2	0	Input2	4K2K60_444,Stereo Audio 2.0 🛛 🗸			
Outwitt	HDMI 3	0	Input3	4K2K60_444,Stereo Audio 2.0 V			
Output	HDMI 4	0	Input4	4K2K60_444,Stereo Audio 2 0 🛛 🗸			
Output2							
Network	Load EDID to user	memory					
System	Select EDID File:	Browse		Select Destination:	User Define1	<ul> <li>Upload</li> </ul>	
	DownLoad EDID to	o your compute	er				
	Select EDID File: HD	OME IN 1	V Download				

# Output 1/2 Page

Multiview display modes can be set for HDMI OUT 1/2 on the corresponding Output 1/2 page. There are eight modes available: Single, PIP, Dual 1, Dual 2, Triple 1, Triple 2, Quad 1, Quad 2.

F	18Gbps 4x2 Multiviewer Seamless UHD Video Matrix Switcher		🛓 Admin 📔 Log ad
	Multi-Viewer Mode		
Status	Triple 1 Triple 2 Quad 1 Quad 2		
Input	Multi-Viewer Adjustment	Input Source	PIP Adjustment
Output1		Input	Position:
Output2		Input2	Size: Small Middle Large
Network	Input2	Input3	Start Point X: 51 Width; 50 User
System		Input4	Start Point Y: 1 Height: 50 Set
	input		Cutput Setting
			Output Reslution: 3840x2160p60
			Video Keep Alive: Black Screen V
			PC/VideoPQ: Video Mode 🗸
			HDCP. HDCP 1.4 V
		100 M	Audio Source: follow window 1 selected sc
	Aspect: Full Screen 16.9 Auto Switch		Audio Output: Mute

#### **Multi-Viewer Mode:**

Click the multiview mode button to select the required mode, then the selected mode will be displayed on the Multi-Viewer Adjustment interface, as shown in the figure below.

Multi-Viewer Mode

Single	PIP	Dual 1	Dual 2
Triple 1	Triple 2	Quad 1	Quad 2

Multi-viewer adjustment

					input2
		input4	i -		input1
					input3
ect:	Full Screen		16:9	Auto	o Switch

- Multi-Viewer Adjustment: Display the input source and multiview display mode.
- Auto Switch: Click this button to turn on/off the input source auto switching function (only available in single screen display mode). When the function is turned on, the button displays in green. When the function is turned off, the button displays in blue.
- Full Screen: Press this button to set the windows display aspect ratio to be full screen for Dual 1/Dual 2/Triple 1/Triple 2/ Quad 2 display mode.



16:9: Press this button to set the windows display aspect ratio to be 16:9 for Dual 1/Dual 2/Triple 1/Triple 2/ Quad 2 display mode.



## **Input Source**

Select the input signal source. Select the window in "Multi-Viewer Adjustment" first, and then then "Input 1/2/3/4".

Multi-viewer adjustment



# **PIP adjustment:**

In the PIP mode, you can switch the position and size of the PIP and set the user-defined PIP



#### User

In the PIP (Picture In Picture) mode, check the User box to enter the user-defined mode, then set the Start Point X, Start Point Y, Width and Height to customize the size and location of the secondary source. After setting, click Set button to confirm the setting and take effect.

lulti-Viewer Mode		
Single PIP Dual 1 Dual 2		
Triple 1 Triple 2 Quad 1 Quad 2		
deo Wall Adjustment	Input Source	510 Adjustment
aco mai Aujustinent	input source	poston:
	interi	SDE Snat Missle Large
	input2	Blant Point X: 20 Weth: 30 🔳 User
	inpuO	Start Point Y: 1 Height: 30
	InpuN	Output Setting
lipsed -		Ovtput Resolution 3840x2160p50 v
		Video Keep Allee Blue Screen
		PC/Wateo PQ: Pc Mode 🗸 🗸
		HDCP: HDCP 2.2
		Audo Source: HDM 4 input audio 🔗
		Audio Output

Note:

- 1. The value of Start Point X, Start Point Y, Width and Height should not be empty and only supports integer.
- 2. The value of Start Point X/Y must range from 1 to 100. (3) Start Point X plus Width less than or equal to 10. Start Point Y plus Height less than or equal to 101.

Output setting: Click the drop-down list to set the output resolution, video keep active, PC/Video PQ, HDCP and audio source.

Audio Output: Click the button to mute/unmute the audio. The button displays in blue in mute state, and pink in unmute state.



## **Network Page**

<b>F</b> voi ution	18Gbps 4x2 Multivie	wer Seamless UHD Video Matrix Switch	er			A Admi	n Logod Powerod
VANCO,	IP Setting						
Status	IP Mode	Static DHCP					
Input	IP Address	192, 168, 0, 100	Gal	teway	192,168,0,1		
Output	Subnet	255.255.0.0	Tel	net Port	23		
Output	TCP Port	8000					
Oupulz	Web Login Se	tting					
Network		1 Marco Admin					
System	Continuing	User Autor					
	Old Password						
	New Password						
	Confirm Password						
	Product Model	EVMX42MV					
			Set Network Defaults	Sava			

### **Modify Network Setting:**

Modify the IP Mode/IP Address/Gateway/Subnet/Telnet Port, click "Save" to save the settings.

IP Setting				
IP Mode	Static DHCP			
IP Address	192.168.0.100	Gateway	192.168.0.1	
Subnet	255.255.0.0	Teinet Port	23	
TCP Port	8000			

If the IP Mode is "Static", manually set the IP Address/Gateway/ Subnet/Telnet Port as needed.

IP Setting			
IP Mode	Static DHCP		
IP Address	192,168.0.100	Gateway	192 168 0 1
Subnet	255 255 0.0	Teinet Port	23
TCP Port	8000		

If the IP Mode is "DHCP", the unit will automatically be assigned an IP address by the local network.

### **Modify User Password**

Click the "User" button, enter the correct Old Password, New Password, and Confirm Password, and then click "Save". After successful modification, there will be a prompt, as shown in the following figure:

Web Login S	etting				
Username	User	Admin			
Old Password					0
New Password			]		
Confirm Password					modify successfully
Product Model	EVMX42MV				Confirm
			Set Network Defaults	Savo	Comm

Note: Input rules for changing passwords:

- 1. The password cannot be empty
- 2. New Password cannot be the same as Old Password
- 3. New Password and Confirm Password must be the same

### Set the Default Network:

Click "Set Network Defaults", there will be a prompt, as shown in the following figure:



Click "OK" to search the IP Address again. After searching is completed, it will switch to the login page, the default network setting is completed.

# **System Page**

Evolution	18GRps 4x2 Multiviewer Seamiess UHD Video Matrix Switcher	Aren   Lagnet Press m
Vience,	Panel Lock	
Status	OFF ON	
Input	Beep	
Output1	OFF ON	
Output2	Serial Baud Rate	
Network	9000 10000 31400 57000 415000	
System		
	Firmware Update	
	Drowse.	Update
	Factory Reset	Reset
	Reboot	Rabool

- 1. Panel Lock: Click to lock/unlock panel buttons. "ON" indicates that panel buttons are unavailable; "OFF" indicates panel buttons are available.
- 2. Beep: Click to turn on/off the beep.
- 3. Serial Baud Rate: Click the value to set the Serial Baud Rate.
- 4. Firmware Update: Click "Browse" to select the update file, then click "Update" to complete firmware update.
- 5. Factory Reset: Reset the unit to factory defaults by clicking "Reset".
- 6. Reboot: Reboot the unit by clicking "Reboot".

Note: After reset/reboot, it will switch to the login page.

#### **Limited Warranty**

With the exceptions noted in the next paragraph, Vanco warrants to the original purchaser that the equipment it manufactures or sells will be free from defects in materials and workmanship for a period of 10 years from the date of purchase. Should this product, in Vanco's opinion, prove defective within this warranty period, Vanco, at its option, will repair or replace this product without charge. Any defective parts replaced become the property of Vanco. This warranty does not apply to those products which have been damaged due to accident, unauthorized alterations, improper repair, modifications, inadequate maintenance and care, or use in any manner for which the product was not originally intended.

Items integrated into Vanco products that are made by other manufacturers, notably computer hard drives and liquid crystal display panels, are limited to the term of the warranty offered by the respective manufacturers. Such specific warranties are available upon request to Vanco. A surge protector, power conditioner unit, or an uninterruptible power supply must be installed in the electrical circuit to protect against power surges.

If repairs are needed during the warranty period the purchaser will be required to provide a sales receipt/sales invoice or other acceptable proof of purchase to the seller of this equipment. The seller will then contact Vanco regarding warranty repair or replacement.

### **Liability Statement**

Every effort has been made to ensure that this product is free of defects. The manufacturer of this product cannot be held liable for the use of this hardware or any direct or indirect consequential damages arising from its use. It is the responsibility of the user and installer of the hardware to check that it is suitable for their requirements and that it is installed correctly. All rights are reserved. No parts of this manual may be reproduced or transmitted by any form or means electronic or mechanical, including photocopying, recording or by any information storage or retrieval system without the written consent of the publisher.

Manufacturer reserves the right to revise any of its hardware and software following its policy to modify and/or improve its products where necessary or desirable. This statement does not affect the legal rights of the user in any way. For additional information, please visit www.vanco1.com.

### **Technical Support**

Please read this product manual prior to calling or installing this unit, since it will familiarize you with the capabilities of this product and its proper installation.

In case of problems, please contact Vanco Technical Support by dialing 1-800-626-6445. You can also email technical support issues to <u>techsupport@vanco1.com</u>. When calling, please have the part number, serial number (affixed to the bottom of the unit) and invoice available for reference during the call.

All active electronic products are 100% inspected and tested to insure highest product quality and trouble-free installation and operation. The testing process utilizes the types of high-definition sources and displays typically installed for entertainment and home theater applications.

Vanco Tech Support Phone: 1-800-626-6445 Email: <u>techsupport@vanco1.com</u> Web: www.vanco1.com

Please have the part number, serial number, and invoice available when requesting support.

