

**Control Your Video** 

VIDEO WALLS VIDEO PROCESSORS VIDEO MATRIX SWITCHES EXTENDERS SPLITTERS WIRELESS CABLES & ACCESSORIES

# UPGRADE GUIDE IP Controller for HDM-C6VWIP-SET





Model #: CTRLPRO-VWIP

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# **Product Application & Market Sectors**



Corporate



House Of Worship



Military



Residential



Education



Industrial



Medical



Aviation



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### SECTION I: GETTING STARTED

### I.I IMPORTANT SAFEGUARDS

#### Please read all of these instructions carefully before you use the device. Save this manual for future reference.

#### What the warranty does not cover

- Any product, on which the serial number has been defaced, modified or removed.
- Damage, deterioration or malfunction resulting from:
- Accident, misuse, neglect, fire, water, lightning, or other acts of nature, unauthorized product modification, or failure to follow instructions supplied with the product.
- Repair or attempted repair by anyone not authorized by us.
- Any damage of the product due to shipment.
- Removal or installation of the product.
- External causes to the product, such as electric power fluctuation or failure.
- u se of supplies or parts not meeting our specifications.
- Normal wear and tear.
- Any other causes which does not relate to a product defect.
- Removal, installation, and set-up service charges.

## **I.2** SAFETY INSTRUCTIONS

The Avenview CTRLPRO-VWIP, IP Controller function has been tested for conformance to safety regulations and requirements, and has been certified for international use. However, like all electronic equipments, the CTRLPRO-VWIP should be used with care. Read the following safety instructions to protect yourself from possible injury and to minimize the risk of damage to the unit.

- ▲ Do not dismantle the housing or modify the module.
- ▲ Dismantling the housing or modifying the module may result in electrical shock or burn.
- A Refer all servicing to qualified service personnel.
- ▲ Do not attempt to service this product yourself as opening or removing housing may expose you to dangerous voltage or other hazards
- 1 keep the module away from liquids.
- A Spillage into the housing may result in fire, electrical shock, or equipment damage. If an object or liquid falls or spills on to the housing, unplug the module immediately.
- A Have the module checked by a qualified service engineer before using it again.
- ⚠ Do not use liquid or aerosol cleaners to clean this unit. Always unplug the power to the device before cleaning.



## **I.3** REGULATORY NOTICES FEDERATION COMMUNICATIONS COMMISSION (FCC)

This equipment has been tested and found to comply with part 15 of the f CC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

Any changes or modifications made to this equipment may void the user's authority to operate this equipment.

Warning symbols	Description
	ONLY USE THE PROVIDED POWER CABLE OR POWER ADAPTER SUPPLIED. DO NOT TAMPER WITH THE EI ECTRICAI PARTS. THIS MAY RESULTS IN ELECTRICAL SHOCK OR BURN.
$\bigcirc$	DO NOT TAMPER WITH THE UNIT. DOING SO WIII VOID THE WARRANTY AND CONTINUED USE OF THE PRODUCT.
BEWARE this unit contains static sensitive devices	THE VIDEO BOARDS ARE VERY SENSITIVE TO STATIC. PLEASE ENSURE IF RACK MOUNTED OR INSTALLED ON A SURFACE, IT SHOULD BE IN A GROUNDED ENVIROMENT.

Read & understand user guide before using this device.

Failure to follow the proper installation instructions could result in damage to the product and preventing expected results.



### 2. UPGRADE



#### Warning:

Do not power off device during upgrade processing, otherwise it may cause damage to the device.

### 2.1 Preparation

- 1. Download SSHSecureShellClient from <u>SSHSecureShellClient-3.2.9.exe</u>, install it on your computer.
  - Step 1. Run SSHSecureShellClient, click Next.



Step 2. Click Yes.

SSH Secure Shell for Workstations 3.2.9 Setup	×
License Agreement	
Please read the following license agreement carefully.	view
Press the PAGE DOWN key to see the rest of the agreement.	
Non-commercial Version License agreement for	<u>^</u>
SSH Secure shell for workstations 3.2 SSH Communications Security Corp	
SSH /Secure Shell(TM) License Agreement	
SSH COMMUNICATIONS SECURITY CORP ("SSH") IS WILLING TO	
LICENSE THE SSH SECURE SHELL FOR WORKSTATIONS 3.2 SOFTWARE AND ACCOMPANYING DOCUMENTATION (COLLECTIVELY, "SOFTWARE")	
UPON THE CONDITION THAT YOU ACCEPT ALL OF THE TERMS OF THIS	-
Do you accept all the terms of the preceding License Agreement? If you choose No setup will close. To install SSH Secure Shell, you must accept this agreement.	), the
InstallShield	
< Back Yes	No



Step 3. Select a folder, Click Next.

SSH Secure Shell for Workstations 3.2.9 Setup	×
Choose Destination Location Select folder where Setup will install files.	Avenview
Setup will install SSH Secure Shell in the follow	ing folder.
To install to this folder, click Next. To install to another folder.	a different folder, click Browse and select
Destination Folder	
C:\\SSH Secure Shell	Browse
InstallShield	
	< Back Next > Cancel

#### Step 4. Click Next.

SSH Secure Shell for Workstations 3.2.9 Setup	×
Select Program Folder Please select a program folder.	Avenview
Setup will add program icons to the Program Folder listed below. name, or select one from the existing folders list. Click Next to co Program Folders:	You may type a new folder ntinue.
SSH Secure Shell Existing Folders:	
Accessories Administrative Tools Bonjour SDK Games HyperSnap 6 HyperSnap 7 Intel Maintenance Microsoft Office	
, InstallShield < Back	Next > Cancel



#### Step 5. Click Next.

Select Components Choose the components Setup will install.	Avenvie	ev
Select the components you want to install, install. Commentation Command Line Tools Add Command Line Tools to Path	, and clear the components you do not want to Description Add Secure Shell client icons to the desktop.	
Space Required on C: Space Available on C: stallShield	8200 K 55602432 K	
Space Available on C: stallShield	55602432 K   	Ce

#### Step 6. Click Next.

SSH Secure Shell for Workstations 3.2.9 Setup	×
Check Setup Information	Avenview
Setup has enough information to begin the file-transfer operation, change any of the settings, click Back. If you are satisfied with t begin copying files.	If you want to review or he settings, click Next to
Current Settings:	
License type: non-commercial Installation folder: C:\Program Files (x86)\SSH Communications ! Start menu folder: SSH Secure Shell Selected optional components: -Desktop Icons -Documentation -Command Line Tools -Add Command Line Tools to Path	Security\SSH Secure She
•	•
InstallShield	
< Back	Next > Cancel



Step 7. Click Finish.



2. Check the IP address of your computer.

Set your Laptop/PC IP address (192.168.11.X) and subnet mask (255.255.255.0) before you upgrade. The IP address of the computer and IP Control Box should be in the same network subnet.

### 2.2 Upgrade Instructions

**Step 1.** Start **SSHSecureShellClient**, by clicking on the icon. After click **Quick Connect**.







Step 2. Enter 192.168.11.243 in Host Name, enter ubuntu in User Name, and then click Connect.

a default - SSH Secure Shell		x
Eile Edit View Window Help		
🖬   🚑 🖪   🖺 🖻 🖻   🗛   🏩 🎒 🦃 🦑 🐶		
👔 Quick Connect 📄 Profiles		
SSH Secure Shell 3.2.9 (Build 283) Copyright (c) 2000-2003 SSH Communications Security Corp - http://www	w.ssh.com	^
This conv of CCU Couver Chall is a new commercial version		
This version Connect to Remote Host		
Hoet Name: 192 168 11 243		
User Name: ubuntu Consel		
Port Number: 22		
Authentication Method: <		
	J	
		E
		-
Not connected - press Enter or Space to conne 80x24		

Step 3. Enter temppwd in password, click OK.

Enter Password	×
Provinced Internet	ОК
Password:	Cancel



The Terminal command line interface window pops up.



**Step 4.** Input command line **sudo su**, then press **Enter**. Then input the password **temppwd**, then press **Enter**.





**Step 5.** Click this yellow icon to display the SSC Secure File Transfer dialog box.

	<u>F</u> ile	<u>E</u> dit	<u>V</u> iew	<u>W</u> indow	<u>H</u> elp					
		<i>a</i> C	L 💷	<b>s</b> 🖻	86	酋	ø 😰	-	۲	<b>N</b> ?
Π	<u></u>	Quick C	onnect	: 📄 Prof	iles					

Step 6. Click the Upload button to upload the bin file.





Look in:	VWIP Firmware	<b>•</b>	← 🗈 📸 ▼	
Name	^		Date modified	
gbcr	nd_v1.6.0.bin		2015-02-16 12:01	
۲				
File name:	gbcmd v1.6.0.bin		Upload	

Step 7. Select the gbcmd\_v1.6.0.bin file, Click Upload.

Step 8. Successfully uploaded.

2:192.168.11.243 - default - SSH Secure File Tr	ransfer
File Edit View Operation Window Hel	lp
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📗 🛃 Quick Connect 📄 Profiles	
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Local Name 🛆 Size Type	e 🔺 Remote Name 🛆 Size Typ
📜 Libraries Syst	en pollkey 16,460 File
Administrator Syst	en 2,751 File
🖳 Computer Syst	en shutdownTomcat.sh 62 SH F
Network Syst	en 🔤 🛄 sidlog.sh 173 SH F
😌 Control Panel Syst	en 🔚 🔚 SmartSetUdpFinder.jar 20,400 Win
Recycle Bin Syst	en startTomcat.sh 41 SH F
Control Panel Syst	en sys_version 7,839 File
Mozilla Firefox 1,153 Sho	rtc test 13 File
SSH Secure File Transfer C 2,296 Shore	rtc TK-N006-000_v1.2.2.bin 21,289 BIN
SSH Secure Shell Client 1,338 Sho	rtc tk-n006-000webv0.2.8.bin 5,595,152 BIN
Angela File	fo tk-n006-000webv2.0.2.bin 5,610,849 BIN
	A III A
Transfer Queue	
△ Source File Source Directory Destinat	tion Dire Size Status Speed Time
介 tk-n006-00 C:\Users\Admini /home/	/ubuntu 5,610, Complete 1444.6 k 00:00
Connected to 192.168.11.243 - /hom SSH2 - aes12	28-cbc - hmac-md5 - n( 23 items (19.3 MB)



**Step 9.** Open the Ubuntu terminal command line interface, type **chmod +x gbcmd\_v1.6.0.bin.** (xxxx.bin is the full name of the bin file), press **Enter.** Then type **./gbcmd\_v1.6.0.bin**, press **Enter.** 

168.11.243 - default -	SSH Secure File Tra	nsfer	- • ×
tion <u>W</u> indow <u>H</u> elp			
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Size Type 🔨	Remote Name	1	Size Typ /
	168.11.243 - default - tion Window Help Piel ♥ ↓ ↑   □ rofiles ↓ vnloads\ ▼   Add Size Type ∧	168.11.243 - default - SSH Secure File Tra tion Window Help 같이 좋아 및 가 ( )	168.11.243 - default - SSH Secure File Transfer tion Window Help ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ●





The Terminal window should show the progreess of the upgrade being completed as shown below.



The unit will automatically reboot after firmware upgrade.

**Step 10.** Login to the CTRL-VWIP box via any browser at 192.168.11.243, click on System Settings.





**Step 11.** Please note under the section Version> it will state the updated system version (v1.6.0), if this section does not indicate the updated version please redo all steps.

API VEISIOII: VI.0.0	
System version: v2.1.4(v1.6.0)	
net API Command	
	Apply
og	
5:04:07 receive:API version: v1.0.0 System version: v2.1.4(v1.6.0)	
5:03:20 receive:API version: v1.0.0 System version: v2.1.4(v1.6.0)	
5:03:20 receive:device json string:[]	
5:03:20 receive:ipsetting2 is:ip4addr 192.168.11.243 netmask 255.255.0.0 gateway 192.168.11.1	
5:03:20 receive insetting is in 4addr 169 254 1 1 netmask 255 255 0 0 gateway 169 254 1 254	
5:03:20 result code:1, Welcome to use.	





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# TECHNICAL SUPPORT



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