

AVer PTZ Management

User Manual



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PREFACE

AVer PTZ Management is a software to control AVer cameras through the network. This allows user to update and setup camera anywhere as long as network is available.

MINIMUM SYSTEM REQUIREMENT

PC hardware and software requirement:

- CPU: Intel[®] Core[™] i5 CPU or above
- RAM: 4G
- HDD: 10G (Free Space)
- Network card: 100M bps
- OS: Windows[®] 7, 8, 10 (64 bits)

DOWNLOADING THE APPLICATION

Through the AVer PTZ Management, user can find and manage the AVer cameras. Therefore, user needs to install the AVer PTZ Management at client (PC/laptop) site.

To get this software, please visit our download center (see below URL) to download.

Global: <u>https://www.aver.com/download-center</u> USA: <u>https://www.averusa.com/pro-av/support/</u> European headquarters: <u>https://www.aver.com/download-center</u>



AVer PTZ Management.exe

[Note] AVer IPCam Utility application will be installed along with AVer PTZ Management. The user can set camera IP via this utility.

CONNECTION

- Please make sure all devices are well-connected and power on.
- Needs to install "AVer PTZ Management" application.
- The server site IP needs a public IP address, if client site and server site are not an internal connection (different location).



INSTALLATION

Install AVer PTZ Management

1. After downloading, double-click **u** to start installation. Follow the on-screen instructions to complete the installation.

AVer PTZ Management - Inst	allShield Wizard
	Preparing to Install
0	AVer PTZ Management Setup is preparing the InstallShield Wizard, which will guide you through the program setup process. Please wait.
	Extracting: AVer PTZ Management.msi
	Cancel



2. After installation, the AVer PTZ Management icon is displayed.

USING AVER PTZ MANAGEMENT

Start

- 1. Double-click i to launch AVer PTZ Management.
- 2. Enter User Name and Password (both default values are admin). Then, click "Login."

	PTZ Management	
User Login User Name	*	
Password	â	
	Forget Passw	rord

Forget Password

If the login password of AVer PTZ Management is forgotten, click hyper link on the login dialog.

	AVer PTZ Management	×
User Login User Name		*
Password		ß
		Forget Password

Enter the E-mail address and then click button to receive your new password.

	23
Did you forget your password?	
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E-Mail	<u> </u>
UK	

Main Functions Introduction

AVer PTZ Management supplies three main functions, including Camera, Setup, and Management.

Camera

In the Camera screen, the left section mainly shows the camera view and right

section is for camera control panel.



Setup

Setup screen includes Device, User and System configurations. You can collect the connected camera as a group here.



Management

In the Management screen, you can view the connected camera information such as the number of cameras connected, camera name, IP information, firmware version, camera status, etc. You can update firmware, reset all the values to factory default, and reboot camera here.

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	facto	ry res	et, a	nd reboo	ot camera.			Firmw	are Update
AVET PTZ Management			8	amera	🔅 Setup	💄 Man	agement		× - () 0
									Firmware Update
	Item	Carnera Nar	ne	IP Info.	FW Ver.	Statu	a Factory Reset	Reboot	
All Devices									

Search and Add Camera

To find the camera and add.

[Note] The search function only supports for server site and client site that are at the same LAN network.



2. Click Add

button to pop up Add Device dialog.

AVe	PTZ Management										_ ×
			8	Camera	រល់រ Set	un	. Manageme	ent.			6 - J
				Add Device				(m			
	Group All Devices	Add Rem Cannera Nar	Delet	Add Device PTZ Camera Camera Name Camera IP Ports Login Account Password Remarks Group	Auto Search				Ent.	Go 19 Web	
					Cancel	Save					
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3. Click Auto Search

button to search camera that can be connected.

Carriera 100 Seturo & Mandoement 100 1 Device Auto Search Group Add Rem P Address Ports Carriers Model Added	÷J
Device Auto Search Group Add Rem IP Address Ports Camera Name Camera Model Added Edit Co To Web	
Group Add tem IP Address Ports Camera Name Camera Model Added Ealt Go To Web	
Group Add Rem IP Address Ports Camera Mane Camera Model Added Eat Go To Web	
Al Devices Nem C 1 10:00.93:46 80 PTZ310 PTZ310 marks	
2 10.100.30.41 B0 Tracking Camera Tracking Camera	
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Inport Excert	

4. Select the camera and then click

button.

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			Auto Sear	ch	-	-	-	-				
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	All Devices	ltem Ca	1							emarks		
			2			Tracking Camera		Tracking Camera				
					Cancel	ок	Refresh					
										Impor	Export	

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5. Input the connected Camera Login Account and Password. Click button.

Save

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Forts 80 Logit Account advinin Password			Camera IP	10.100,93.46	
Lopi Account environ Password Group Group Group Cunod Save			Ports	80	
Passord Group Group Group Canool Save			Login Account	admin	
Remarks Group Dancel Save			Password	•••••	
Group Group			Remarks		
Cancel Save			Group	Group	
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				Cancel Save	
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6. Then, the camera will be listed on the screen.

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Select the group. Click Add button to select to add a new camera or a specified group from the list (default value: up to 16 Groups). The **Add Device** dialog or **Add existing device** dialog will pop up respectively.

AV e	PTZ Management								_ ×
			<u>8</u>	Camera	🔅 Setup	*	Management		€+ ®
	Group	Add	Delete						Go To Web
	All Devices	Add New From The List	Name	IP Info.	Camera N	fodel	Status	Remarks	
	AVer_1								
								Import	Export

Change the Camera Name

Select the camera and click

enter new name for the camera, and click

button to pop up Edit Device dialog, Save

button.

AVer PTZ Management			_ ×
<u>e</u> .	Camera	i Setup Management	(+ C
Device User	Edit Device		
Device User Group Add Delvin All Devices Inon Currers Name Affer,1 PTZ310	Edit Device PTZ Camera Camera Name Camera IP Ports Login Account Pessinoid Remarks Gincip	Auto Search PT2310 10.100.30.46 90 admin 000000000000000000000000000000000000	Eat Go To Web Remarks
		Cancel Save	
			Import Export

Configure System

The user can view camera version and configure snapshot folder (refer <u>Snapshot</u> section) and language (refer <u>Select System Language</u> section). To update the latest supported camera list, click Update button.

AVer PTZ Management				_ ×
<u>8</u>		🔅 Setup	La Management	(† 1)
Device User				
	Version	1.1.1008.0		
	Connebot Folder	C-// Ingre/u002770/Documents/AV/gr/P3	73 Annonement /Dicture/	
	Language Coloritor	Collect	Emanagement/Fixture/	
	Language selection	English •		
	Supported Carnera Update	Update		

Set Selection

Click Camera button and select full screen button. The camera view is displayed on the screen. Click the camera view and then AVer PTZ Management allows you to configure the camera.



Click the "paging bar" to switch the camera view.



Pan/Tilt Buttons

Use the navigation buttons to control the camera directions. Click button to go back to Home position.



Snapshot		
Click 🔅 setup save snapshot file.	button and select System	to specify the folder to
Device User	Camera 🔅 Setup 🏖 Manage System	ment O *J
	Version 1.1.1008.0 Snapshot Folder C:/Users/V002779/Documents/AVer/PT2/Management/Picture Language Selection English v Supported Camera Lipdate	
Click Camera snapshot and save it to n	button and one mory.	button to make a
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		Tacking On Off Mode Parenter 2014 Dick Tack

Pan/Tilt Speed



Zoom In/Out



Focus Far/Near

Auto

To focus far or near. Also allow user to auto or manual focus.

Click Auto button to make the camera adjust itself to establish the best focus when shooting.



Preset Point

AVer PTZ Management supports up to 256 preset positions.

To set up preset position, click 🔅 setup button and Go To Web button to pop up a setting dialog.





To view preset position, click the number. You can also enter preset position number (0~255) in **Go to** field directly for a quickly calling section.



Tracking Control

AVer PTZ Management allows user to lock a target and track with lens. Enable **Tracking** feature to lock the target with a red frame. Other tracking targets will be tracked with blue frames.



If user wants to select a new target, just simply click Click Track button and click the target in the camera view.



Select **Presenter** mode to focus on locked aim with less background images.



For a wider image with a long distance from the camera lens, select **Zone** mode to see more background images.

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	Pan / Tilt Speed
	Zoom In / Out
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arbier and Z A to a limit of the Contract of t	
A THE THE AND A THE THE AND A THE AN	A 9 10 11 12 13 14 15
	Tracking Control
	Mode Presenter O Zone
	Click Track

Factory Default

If necessary, reset the camera back to factory default. If AVer PTZ Management lost the connection with the camera, please reconnect with the camera. Click 🖸 button to pop up Factory Reset dialog. Enter the User Name and Password and click

button to reset all values to factory default values.

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						Firm	ware Update
All Devices	ltern Camera Na	ame IP Info.	FW Ver.	Status	Factory Reset	Reboot	
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A10_1	2 TR333	Factory	Reset				
		Pase	Name Krod Canod OK	▲			

Reboot

The user can restart the camera by clicking st button.



Firmware Update

Updating the firmware of selected cameras via AVer PTZ Management.

Firmware cannot be updated when the camera is power off/standby/offline.

- 1. Click Firmware Update button to pop up the Firmware Update dialog.
- 2. The user can choose to update firmware automatically or manually (default setting is Auto). Also, firmware of multiple cameras can be updated simultaneously by ticking the cameras and clicking **Start** button.



[Note] After updating, the camera restarts. The AVer PTZ Management will lose connection with the camera. Please wait for AVer PTZ Management to reconnect to the camera.

Import Profile

Import camera setting profile, such as camera name, IP address, MAC address, etc., from local hard disk/external storage device.

- 1. Select the camera from list.
- 2. Click Import button and select the file from hard disk/external saved direction.

AVe	PTZ Management											- ×
			A (ø	Setup	4	Management				[+ 0
	Group	Add	Delete							Edit	Go To Web	
	All Devices	Item Camera M	lame .	IP Info.		Camera Model		Status	Remark			
	AVer 1			10.100.93.46								
				10.100.93.69								
										Import	Export	

Export Profile

Export the connected camera setting profile to local hard disk/external storage device.

- 1. Select the camera from list.
- 2. Click Export button and select the folder to save directly.





Delete Camera

To remove the selected cameras from the list.

Select the camera from the list and click **Delete** button to delete the camera.

AVe	PTZ Management										_ ×
			鬯		©:	Setup	2	Management			0 ·J
	Group	Ac	id Delete						Edit	Go To Web	
	All Devices	Item	Camera Name	IP Info.		Camera Model		Status	Remarks		
	AVer 1			10.100.93.46							
										Export	

Edit User

Change the login password of the AVer PTZ Management.

- 1. Click 🔅 Setup button and then click User button.
- 2. Select the user that wants to change password.

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			<u> 8</u>	Camera	🔅 Setup	2	Management			(+ O
			User	System						
								Add	Edit	
									Con	
	ittern	User Marrie	Type	Email		Last Login				
		admin	admin	admin 202@y	ahoo.com.tw	2020.09.10-11:21:0	0.491			

3. You may choose the account as the admin or user which shares different access and control. A user account is normally not allowed to change setting but is able to simply control the camera by using the control panel, e.g. pan, tilt, zoom, go to preset, tracking, etc.

Click Edit button to pop up **Edit User** dialog. The dialog allows user to change user name, password and E-mail.



Select System Language

Click setup button and select system button. From the drop-down list of Language Selection, user can configure system language. The AVer PTZ Management system languages currently have English and Traditional Chinese. It will display the corresponding language based on user's OS language setting.

AVer PTZ Management				_ ×
	Camera	🔅 Setup	La Management	(† 1)
Device User	System			
	Version	1.1.1008.0		
	Snapshot Folder	C:/Users/v002779/Documents/AVer/P	TZManagement/Picture/	
	Language Selection	English		
	Supported Carnera Update	Update		

Logout AVer PTZ Management

Click 🚺 to Logout the AVer PTZ Management.

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			<u>8</u>	Camera	🔅 Setup	🚨 Managen			0 🕣		
	Group	Add						Edit Go To We			
	All Devices	Item Camer	ra Name	IP Info.	Camera Mode	Status	Remarks				
								Import Export			

Troubleshooting

- 1. How many cameras can I connect?
 - Currently, we can connect up to 128 cameras with AVer PTZ Management.
- 2. Why is there no camera shown after auto-search?
 - Please make sure AVer PTZ Management and camera are at the same LAN segment.
- 3. Why is the camera status always in off status?
 - Please make sure AVer PTZ Management and camera are at the same LAN segment.
 - For the PTC500S series models, please check **VISCA Over-IP** is enabled.

AVer				
O	尊	RS 232 form	nat protocol	
PTZ camera		VISCA	Pelco D	Pelco P
💐 Video & Audio setti	ng	ADDR	•	
品 Network setting		Baud Rate		
Tracking setting	9600	-		
Preset setting		<pre>visca Over-</pre>		
Advanced setting				
Profile setting				
- System setting				
G Factory default				

- If AVer PTZ Management and camera are not at the same LAN segment, please check UDP port is not blocked by the firewall.
 - ✓ VISCA Control port: 52381
 - ✓ RTSP port: 554