



EZManager 2 User Manual



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Help

https://www.aver.com/technical/support

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PREFACE

EZManager 2 is a management software to control all AVer USB cameras through the network and PTZApp 2. This allows user to monitor and setup USB cameras anywhere as long as network is available.

MINIMUM SYSTEM REQUIREMENT

PC hardware and software requirement:

- CPU: Intel[®] Core[™] i5-7xxx 3.2GHZ
- RAM: 8G
- HDD: 10G (Free Space)
- Network card: 100M bps
- Wireless: 802.11ac (Optional)
- OS: Windows[®] 7, 10 (64 bits)

Web browser supports:

- Chrome: version 76.x or above
- IE: Does not support

DOWNLOADING THE APPLICATION

Through the network and PTZApp 2, EZManager 2 can find and manage the AVer USB cameras. Therefore, user needs to install the EZManager 2 at server site and PTZApp 2 at client (PC/laptop) site.

To get this software, please visit our download center (see below URL) to download. URL: <u>https://www.aver.com/download-center</u>



CONNECTION

- Please make sure all devices are well-connected and power on.
- The client site needs to install "**PTZApp 2**" application. EZManager 2 does not support PTZApp.
- The server site needs to install "EZManager 2" application.
- The server site and client site must be at the same LAN segment if it is an internet connection (same location).
- The server site IP needs a public IP address, if client site and server site are not an internal connection (different location).



INSTALLATION

Install PTZApp 2 (Client Site)

[Note] PTZApp 2 works with EZManager 2 but not EZManager.

- 1. After downloading, double-click **M** to start installation. Follow the on-screen instructions to complete the installation.
- To make a connection with EZManager 2, refer to "<u>CONNECTING TO</u> <u>CAMERA</u>" section.

Install EZManager 2 (Server Site)

1. After downloading, double-click _____ to start installation. Follow the

on-screen instructions to complete the installation.

[Note] During the installation, a firewall security dialog will show up, please allow the firewall access to continue installation.

2. After installation, an EZManager 2 dialog is displayed.



- To make a connection with EZManager 2, refer to "<u>CONNECTING TO</u> <u>CAMERA</u>" section.
- 4. Refer to "USING EZMANAGER 2" section to operate the EZManager 2.

CONNECTING TO CAMERA

The client site can make a connection to EZManager 2 via EZManager 2's "Scan" function, then the client camera will be in EZManager 2's list.

For USB Camera

Run the PTZApp 2. PTZApp 2 will open in Chrome browser automatically.



For IP Camera

Configure the IP address of the camera so it has the same LAN network with EZManager 2 server.

1. In PTZApp 2 dialog, click the pencil icon.



2. Choose DHCP or Static IP to get IP address.



USING EZMANAGER 2

Start

1. In EZManager 2 dialog, click "Start EZManager".



2. A dialog pops up and asks if you want to access camera setting page or just enable EZManager 2.



- No: The EZManager 2 will be enabled and allow remote device to access EZManager 2 to do cameras' management.
- > **Yes:** The screen will lead to a camera setting page.
- 3. When you select "**Yes**", a login page will show up. Please enter the password to login. The default password is "**1234**".

[Note] Guest can only review but not configure the setting.



4. Then, click "Login".

Main Functions Introduction



Scan Camera – USB Devices

To find the USB camera and add.

[Note] The scan function only supports for USB cameras of EZManager 2 server site and client site at the same LAN network.

 Click Scan button to search all the USB cameras connected to the client site (PC/Laptop).



2. The cameras will appear in dialog.



3. To review the information of camera, click the drop-down triangle.



To minimize the information, click the triangle or the bottom area of the information icon.



 Click Add to add one camera or click Add All to add all the cameras. The following setup instructions demonstrate adding two cameras.



5. "Add Success" message will appear. Click Done to finish scanning.



6. Then, the cameras will be listed on the screen. Click the icon to switch display mode.

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Scan Add Manage Update Profile	
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	Scan Add Manage Updat Polite

e Admin	USB Devices B	Device				ø
Ø Dashboard	Stan Add	Manage Upr	late Profile			E
All	Group Neme	Number of Devices				
U **	Camera Nama	Model	Carriera Status	IP Address	PC Name	Boh
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		GAM340+	Ready	10.100.83.37	DA00002218	1
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7. To view the rest of information, move the cursor to any row of the cameras until it highlights in blue and hold and drag the cursor to the left.

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Dashboard	Scan Add	Manage U				
-						
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Scan Camera – IP Device

To find the IP camera and add.

[Note] The scan function only supports for IP cameras and EZManager 2 server site at the same LAN network.

1. Click Scan button to search all the IP cameras connected to the server site.



2. The cameras will appear in dialog.

e Admin	USII Devices	P Device		ø
@ Dashboard	Scan Dearching for devices,	please make sure the line is convected.		litop (
() Al	Information 💌 Ponebilit	Vitamiatan Vitatio	Velase Pre	VCSSD Pro
	13.100.93.91	10.00.00	10.100.93.44	10.100.93.62
	PTZ330	Information	Information Tracking Camara	Promission Prozilia
AVer	10 100 50.78	10.100.93.32	10.100.93.41	10,100,93,40

3. To review the information of camera, click the drop-down triangle.



To minimize the information, click the triangle or bottom area of the information icon.



4. Click **Add** button to add the camera. IP cameras can only be added one at a time via scan function.

e Admin	USB Devices	P Device		ø
Ø Dashboard	Scan End of search, please r			Done Scan
	Information V Fore540	Information V6330	Information VC520 Pro	Urbsmation VC620 Pre
			2	2
	10.100.93.91	10.100.93.34	10 100 91 44	10 100 (03 42
	Information PTZ330	Information	Information Tracking Camera	Information PTZ310
AVer	10,100.93.76	10 100 93.32	10 100 93 41	10.100.103.40

5. Enter the Device Username and Password and click Add.



6. "Add Success" message will appear. Click **Done** to finish scanning.



7. Then, the camera will be listed on the screen. Click the icon to switch to mode.





8. To view the rest of information, move the cursor to that camera until it highlights in blue and hold and drag the cursor to the left.



Add Camera - USB Devices

To enter the IP address of USB camera and add.

[Note] The add function only supports for USB cameras of EZManager 2 server site and client site at the same LAN network.

1. Click Add button.



2. Enter your device IP address and click **Add** to search. Repeat this step if necessary.



3. To review the information of camera, click the drop-down triangle. To minimize the information, click the bottom area of the information icon.



 Click Add or Add All button to add the camera(s) to be managed via EZManager 2 and PTZApp 2.



5. "Add Success" message will appear. Click Done to finish adding.



6. Then, the camera will be listed on the screen. Click the icon to switch to mode.





7. To view the rest of information, move the cursor to that camera until it highlights in blue and hold and drag the cursor to the left.

e Admin	PC and USB Camera	IP Camera				ø
Ø Dashboard	Scan Add	Manage Up	date Profile			
G AI	Group Name	Number of Devices				
	Camera Name	Model	Camera Status	IP Address	PC Name	Soft
Ð	•					
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e Admin	PC and USB Camera	IP Camera		¢
Ø Dashboard	Scan Add	Manage Update P	trofile	=
Al	Group Name	Number of Devices PC Name Software Versio	n Firmware Version	Profile
- 	ady 👔 10.100.92.12	DA00000616 NULL	0.0.6002.82	Profile
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Add Camera - IP Device

To enter the IP address of IP camera and add.

1. Click Add button.



2. Enter your device IP address and click Add to search.

e Admin		٢
Dashboard Al	Add You (an add thole it to Ethioniger	Cancel Add
•	Your Device IP Address	
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Aver		

3. To review the information of camera, click the drop-down triangle.

₿ Admin	USD Devices P Device	ø
Ø Dashboard	Add End of search, please select the device you want to add.	Done
€ ×	Manatara Validity Tan De Sala A Reference	
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To minimize the information, click the triangle or the bottom area of the information icon.

Admin		ø
Ø Dashboard	Add End of search, please select the device you want to add.	Done
🚯 AII	Internation	
€	P C Nam Definition And Prime Sean E C Stock Sign Prime VCSD Pile VCSD Pile	
AVer		

4. Enter the Device Username and Password and click Add.

e Admin	USB Devices IP Device	٥
🕜 Dashboard	Add Please enter the password for the device.	Cancel Add
(C) AI	Internation	
•	Voce Pre Lo 100 38 42 Voce Preserved Your Device Preserved	
AVer		

5. "Add Success" message will appear. Click **Done** to finish adding.



6. Then, the camera will be listed on the screen. Click the icon to switch to mode.



7. To view the rest of information, move the cursor to that camera until it highlights in blue and hold and drag the cursor to the left.



e Admin	USB Devices Dévice	ø
Ø Dashboard	Scan Add Manage Update Profile	
() Al	Group Name Number of Devices B Status IP Address Primiers Version Profile	
•		
NY 170 NV		
AV er		

Move Camera

To create a group and assign the camera to it. The following steps demonstrate how to move CAM540 and CAM340+ to Group 1.

1. Click the add button to create a group. The default name is Group 1. User can rename the group by clicking the pencil and entering the new name.



2. Click Manage button.



3. Click Move button.



4. Click the camera to be moved then click the check button.





5. Click the group the camera will be assigned to and click the check button.



6. Repeat above steps until all the cameras belong to desired groups.



Cameras can be moved from one group to another. The following steps demonstrate how to move CAM540 from Group 1 to Group 2.

1. Click the add button to create Group 2. Click View button of Group 1.



2. Click Manage button.



3. Click **Move** button.



4. Click the camera to be moved and the check button.



5. Click the group the camera will be assigned to and click the check button.



6. Now Group 2 contains one camera.



Delete Camera - USB Devices

To remove the selected cameras from the list.

1. Click Manage button.

e Admin		¢
🕑 Dashboard	Scan Add Manage Update Profile	:=
(€) MI		
AV er		

2. Click **Delete** to delete the camera.

e Admin	USB Device	٢
Ø Dashboard	Manage Please those the action you want	Mow Dealer
€ ** ₽		
AV er		

3. Click the camera to be deleted then the check button.



Delete Camera - IP Device

To remove the selected cameras from the list.

1. Click Manage button.



2. Click **Delete** to delete the camera.



3. Click the camera to be deleted then the check button.



Update - PTZApp 2

To update the latest version of PTZApp 2.

[Note] While the camera is operating, the PTZApp 2 update is not allowed. Please make sure the camera is idling before update.

1. Click **Update** button.



2. Click PTZApp 2 Update.



3. The latest version of PTZApp 2 appears in diaglog. Click the check button to confirm to update.



4. Select the cameras to update PTZApp 2 version and click the check button.



[Note] After updating, the camera will reboot. The EZManager 2 will lose connection with the camera. Please wait for EZManager 2 to reconnect to the camera.

Update - Firmware

To update the latest firmware of selected cameras.

[Notes] While the camera is operating, the firmware update is not allowed. Please make sure the camera is idling before update.

1. Click Update.



2. Click Firmware Update.

\rm Admin	USB Device IP Device		٢
🕑 Dashboard	Update Please choose the action you want.	PTZApp Update Firmware U	ytike
Group 1			
🖶 Group 2			
81 6			
AV er			

3. Click the check button to confirm to update.



4. Select the cameras to update firmware and click the check button.



[Note] After updating, the camera will reboot. The EZManager 2 will lose connection with the camera. Please wait for EZManager 2 to reconnect to the camera.

Export Profile

The steps to export the setting profile of a USB camera are the same as the IP camera. The following steps demonstrate how to export the profile of a USB camera.

1. Click Profile button.


2. Click **Export Profile** to export the profile of camera.



3. Click the camera to be exported then the check button.

e Admin	USB Devices IP Device	¢
Ø Dashboard	Evolut Profile Please select the device you want to Esport	
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4. Enter the profile name and click **Export**.

e Admin	USB Device IP Device		¢
🕜 Dashboard	Export Profile Please enter a name for the profile.	Cancel	барол
€ <u>~</u>	Porte hares (1 to 10 documents)		
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5. The export file is placed in the browser's default storage path. Click **Done** to finish exporting.



Import Profile

To import the setting profile to selected camera from local hard disk/external storage device. The steps of importing the profile to a USB camera is the same as to the IP camera. The following steps demonstrate how to import the profile of a USB camera.

1. Click Profile button.



2. Click **Import Profile** to import the profile of camera.



3. Click the camera to be imported then click the check button.

e Admin	USB Devices IP Device	¢
Ø Dashboard	Import Profile Please select the device you want to import.	
(€) A:		
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- 4. Select the import path.
- 5. The import succeeds. Click **Done** to finish importing.

Admin	USB Devices IP Device	¢
🕜 Dashboard	Import Profile Import Success	Done
⊕ AI	Manager -	
进 Group 1		
Group 2		
AVer		

View Camera Status

To view all the cameras' status.

1. Click **Dashboard** button.



 Device Condition shows the number of cameras are ready, in use and disconnected. Device Update shows the number of available firmware/software (PTZ App2) update.

 Admin Doshboard Ali Ali Group 1 	Devine Cunditori RECOY 1 0 3
Group 2	
•	Prenews Exhaust USD Daneer IP Daneer 0 0 Lindeer 0 Lindeer Lindeer
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3. To update the USB Devices, click **Update**.

Adein Adein Dawhboard Al Al Group 1	Device Curdition Oracle Curdition Oracle Curdition RLADY 1 O	Contraction 3
Group 2	Device lipides Filling USD Device 0 User User User	Sofrees Utili Downes O
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 Select the devices to update. Follow the steps in <u>Update – Firmware</u> section to finish the update.

e Admin	USB Devices IP Device	٥
C Dashboard	Plentware Update Please select the devices you want to update	
🚯 AI		
🕮 Group 1		
Group 2		
•		
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5. To update the IP Device, click Update.

e Admin	Device Condition			
C Deshboard	READY	0	0	
G Al	3	in Use	Oliconnected	
Group 2	Device Update			
•	Firmw USB Davices	are IP Device	Software USB Devices	
	0	0	0	
	Update	Update	Upont	
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 Select the devices to update. Follow the steps in <u>Update – Firmware</u> section to finish the update.



To update the software (PTZApp 2), click Update.



 Select the devices to update. Follow the steps in <u>Update – PTZApp 2</u> section to finish the update.



Operate the Camera

User can operate the camera through the EZManager 2.

[Note] User cannot setup the camera when the camera is busy with Zoom, Skype, etc.

Click **View** button to go to the setting page.



Direction Button

Use the direction button to control the camera to left, right, up and down.



Zoom in/Zoom out

Image: Automatic and a state of the state of t

Press the buttons to zoom in or zoom out the view of the camera.

SmartFrame

One-click automatic FOV adjustment to fit all participants. Press the button to switch the SmartFrame function between auto and manual.

[Note] While in conferencing meeting, participants must face the camera for face detection. Side face is not detectable.



Preset Point

To setup preset position, choose a number, adjust the camera to your desired position and click **Set Preset** button. To view preset point, click the number again.



Setting Selection

In setting page, the setting selections will depend on the camera has supported.



Camera Reboot

In System page, camera information is displayed. Click **Reboot** button to reboot the camera.

0	Admin	(C) Home	¢	CAM520 Pro	ø
्र ्र		Carsera Reboot Reboot			
*	System	Model Name CAM520 Pro	Firmware Version 0.0 1004.30	Seriel Number 1235478065785	
		#Adowa 10.100.91.41	NAC Addrese NA		
	AVer				

Edit Password

Change the login password of EZManager 2.

1. Click the setting button.

e Admin	USB Devices IP Device	٢
🕜 Dashboard	Scan Add Manage Update Profile	:=
€ <u>*</u>		
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2. Click Edit Password.

0				
() contract				
6.	Setting What set	lings do you want to make?	Cancel	
() descri		Edit Password		
e courr		Logout		
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3. Select to change password of Admin or Guest. Enter the current password, new password, and re-enter new password in corresponding fields. Click the check button to change the password.

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C Connect	Section and sector and through a lot taken as a finite so	:=
• • •	Change Password Prease when the following fields to change your persivont.	
⊕ ****		
🕀 teact	Your old password	
æ	Your new password	
	Confirm your new password	
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Forget Password

If user forgets the login password of EZManager 2, click Forget Password button on the login dialog.



A password dialog is displayed and current password is shown.



Select System Language

Select the EZManager 2 system language. It will display the corresponding language based on user's OS language setting.

1. Click the setting button.



2. Click Language.

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0 ··	Setting W	hat settings do you want to make? Longuage	Cancer	
🕀 traci		Edil Palarvord		
😁 crage 2		Logout		
AVer				

3. Select the language and click the check button.

O		
() the street	ton to the second se	
0 -	Change Password Pres	
0	Choose the language you want to display.	
	+x)	
	Japanees	
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Usage Data

Automatically send diagnostic and usage data to help for improving EZManager, The collected data is anonymous and cannot identify users.

1. Click the setting button.



2. Click Usage Data.

Setting	What settings do you want to make?	Cancel
	Language	
	Edit Password	
	Usage Data	
	РТІАрр Ран	

3. Select the Enable / Disable and click the check button.

Usage Data	Automatically send diagnostic and usage data to help us improve EZManager. The collected data is anonymous and cannot identify	
	Enable	
	Language	
	Disable	

PTZApp Pair

Users can let EZManager 2 manage remote PTZApp 2. Provide 4-Code ID and the IP address of EZManager for PTZApp2 running EZManager Pair.

1. Click the setting button.



2. Click PTZApp Pair



3. Generating the 4-code ID and EZManager WAN IP / LAN IP, and providing the info for PTZApp 2 running EZManager Pair.

PTZApp Pair	4-code ID generation is complete. Please enter it in PTZApp "EZManager Pair" within the valid time. Done
	The valid time of the 4-Code ID: 2-11-2021 17:4 ~ 4-11-2021 17:4 after which a new 4-Code ID will be automatically generated.
	EZManager 4-Code ID
You	can select WAN or LAN for pairing according to your network environment. EZManager WAN IP
	EZManager LAN IP
	10 100 200 39

[Note]

- > According to the network environment, provide the WAN/LAN IP to PTZApp 2.
- EZManager WAN IP will get your WAN IP through <u>whatismyipaddress.com</u>
- > PTZApp 2 must enter info and submit the application within the validity period.
- > When EZManager 2 is paired with PTZApp 2, EZManager must remain online.
- 4. After PTZApp 2 submits the request to pair with EZManager 2, EZManger will display "Requesting Devices".



Logout the EZManager 2

Exit from EZManager 2 system.

1. Click Admin button.



2. Click Logout.

e Admin	UBI Devices P. Devices	«	(); ;
	Logout Taabhint	Cancel	

Stop EZManager 2

Click Stop EZManager 2 to disable the EZManager 2.

