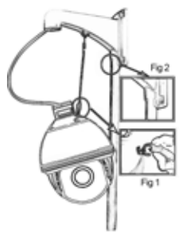
HD-IP AI Speed Dome Quick User Manual

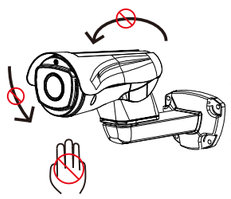
1. Installation Notice

1. With DC12V power supply, the extended distance of power cable can not exceed than 5M, otherwise, the dome may suffer insufficient power, poor infrared effect and continuous reboot etc.

2. Don't pick up the cable by hand, it may cause connection problem with cable.

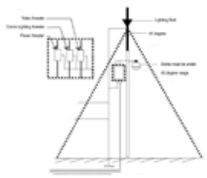


3. For safety and correct installation, please refer to Fig 1 and Fig 2.



4. To make sure the product work properly, don't rotate pan and tilt parts by force, to avoid rotating parts displaced or motor damaged.

5.During the installation, please make sure the products is installed properly with waterproof protection on the bracket and cable.



6. Please ensure lightning protection based on industrial standard to avoid any damaged on the products

2. Installation Guide

2.1 Equipment Connect

The whole system of HD-IP AI cameras as shown in Fig 2.0, default IP address is 192.168.1.110, System default sub-net mask is 255.255.255.0, User name is admin (No Password).
(For ensuring the correct IP address, user can use searching tool EasyTool or install EasyVMS Client>Device Manager>Add Device).

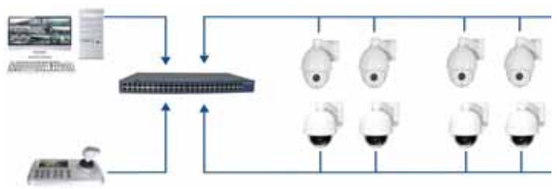


Fig 2.0

Shortcut Command

Call Prese	Function	Call Preset	Function
33	Pan 180º	88	Freeze on
34	Reset	89	Freeze off
35	Wiper on	92	A-B scan
36	Wiper off	94	OSD off
81	Auto day/night	95	OSD on
82	Switch to night	96	Guard tour 3
83	Switch to day	97	Guard tour 2
84	Force on far light	98(38)	Guard tour 1
85	Force on near light	99(39)	Pan scan
87	BLC on		

Remark: 1. A-B scan default "A" as preset "1", "B" as preset "2", call preset "92" to fulfil A-B scan.
2. PTZ bullet and dome can not support "Pan scan" command.
3. Preset 94 and 95 is only available for the camera with OSD.

2.5 Mobile APP operation instructions

2.5.1 Install App

1. Android user download "P6SLite" on google play or android market.
2. IOS user download "P6SLite" on APP store.
Install on your smart phone

2.5.2 Get the Device UID Number

Log in to the browser and enter to ----- Remote Settings-----P2P settings. As shown in the figure below, to scan the device corresponds UID number and adds the device.

Fig 2.6

3. Setting for Humanoid Tracking

3.1 Scene installation diagram

2.2 Install Video Software

After all devices connection and network setting done, user can browse the video through PC browser by access device IP address, while a plug is required to install for first visiting. If the PC has installed same version plug, enter the login interface directly. Please install with following steps.(Fig 2.1)

The following page will appear after the first login, please download the plugin. You will get the plugin installation of VideoClientControl.exe

Fig 2.1

Download and run the plugin, click the [OK] button to install the plugin, close the IE and reopen after the installation is complete, enter the IP address to login.

After the installation is complete, reopen IE and enter the device IP to display the login page. The default username is admin and the password is blank.

Fig 2.2

2.3 Browser

Enter the IP address in the IE address bar, and preview the device after logging in.

Fig 2.3

The browser icon function key is shown in Fig 2.4.

	Switch the screen ratio to 4:3		Switch the screen ratio to 16:9		Switch the screen to the stretched state
	PTZ control		WebVideoPlayer		Plugin selection: Support VLC, Quick Time, MJPEG plugin.
	Master stream preview		Sub-stream preview		Audio monitoring
	Full screen button		Intercom button		Capture button
	Record button		Electronic amplification		PTZ page

Fig 2.4

2.3.1 IP address modification

a.Modify IP address on Browser

Go to the browser and click "Remote Settings"-----"Network Settings"-------"IP Address Bar" to enter the corresponding IP address, and then click Save;

Remark: When manually changing the IP, the IP type needs to be changed to "manual setting"; adaptive IP is changed to "disabled";

b.Tool to modify IP

Open the " " tool as shown in Figure 2.6; first click "Refresh List" to search for the device IP address --- check the IP to be modified ----- enter the IP address to be changed in the right area ----- - Click to modify the device IP address to complete the modification.

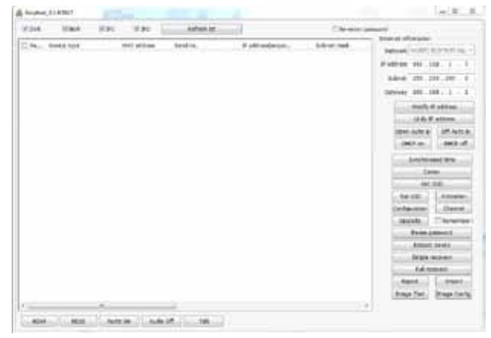


Fig 2.5

2.4 Tour, 360 Scan, A-B Scan Operation

Below is the list of shortcut commands, user can enable the function by shortcut command on NVR or PC Client easily.

Equipment installation instructions

1. Please refer to the following diagram to adjust the proper installation angle.
2. 3D humanoid auto-tracking camera can realize alarm APP push, audio custom alarm output
3. When multiple targets appear at the same time, the system will prioritize tracking relatively large targets.
4. The 3D humanoid auto-tracking camera is suitable for border defense, reservoirs, forests, farms and other low-density scenes, which can give full play to product advantages. Large amount of people, such as train stations, squares, not suitable for using auto-tracking camera.

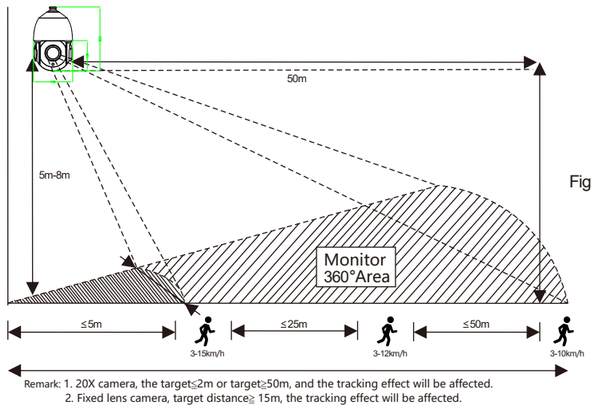


Fig 2.7

3.2 3D Humanoid Tracking Operation

(Remark: Some camera doesn't support this feature, please contact with sales staff)

3.2.1 How to turn on Humanoid Tracking at Fixed Area

The user can set 1-16 presets according to the actual scene, set up preset points 50, and call the preset points 50; Camera can auto-tour between the setting preset points and open humanoid alarm tracking of all tour point stay areas.

3.2.3 How to turn off 3D Humanoid Tracking

You can turn off single point or multiple-points humanoid tracking by set up preset points 41, and then call the preset 41.

Remark: When single or multiple-point tracking is started, the user manually controls the rotation of camera, the system will turn off 8s tracking by default, and auto-return to the preset setting mode after 8s;

3.2.4 The Time Setting of Tracking Return

The default continuous tracking time of all tracking process is 20s. When the scheduled time is reached, the camera will automatically return to previous setting tracking scene and status.

Call Presets 60 and then Call Preset 61-67 to change the return time of tracking , 5 seconds per shift, the range 10-–40 seconds.

For example, Call 60+61 Tracking time is 10s
Call 60+62 Tracking time is 15s and so on.

3.2.5 The Command Table for Tracking Preset

Setup Preset	Call Preset	Function	Remark
40	40	Open Single Area Tracking	/
50	50	Open Multiple-Area Tracking	Setting arbitrarily by preset 1-16
41	41	Turn off Tracking	/

Call Preset	Call Preset	Function	Remark
60	61	Tracking time is "10 seconds"	5 seconds per shift
60	62	Tracking time is "15 seconds"	
60	63	Tracking time is "20 seconds"	
60	64	Tracking time is "25 seconds"	
60	65	Tracking time is "30 seconds"	
60	66	Tracking time is "35 seconds"	
60	67	Tracking time is "40 seconds"	

4.Trouble shooting

Issue	Possible Reason	Solution
Remote access is not available	1.Camera fails to connect with Extra-net. 2.Camera and Switch not in same segment.	1.Check the network, ensure camera connect well with Extra-net. 2. Set the camera and switch in same segment.
Night vision is not good, camera restart constantly	Power cable is extended or power supply is damaged cause low voltage.	1.The extension should be within 5M, or change a new power supply.
Unable to control the camera	1.Lower power, and camera restart constantly. 2.Wrong communication settings.	1.Change the power supply. 2. Reset communication to PELCOD, 9600, Address 1.
Unable to run tour	1.NVR can't support preset commands over 64 digit. 2.NVR is unable to call the preset before setting it up.	1.Refer to 2.4 shortcut commands list, start with 3X to replace. 2.Set up preset point first then call it.
No image after connecting with NVR	NVR or Client can't support H.265 decoding.	1.Change a NVR which supports H.265 or change camera to H.264.