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**CONFIGURATION
TUTORIALS**



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FISHEYE SETUP

FISHEYE CAMERAS

Uniview's fisheye cameras can be set up for wall, floor, or ceiling mount. Along with being able to break down into 6 separate views. Fisheye is the default view, which is a full 360 degree view of the area and has a max resolution of 12MP. Panoramic is the most commonly used view, which breaks the camera into two 180 degree views of the area. The camera also has the option to display four different digital PTZs that all together will cover a full 360 degree view around the camera.

SETTING UP A FISHEYE CAMERA DIRECTLY

1. Log into the camera using the camera's local IP on internet explorer. The camera will be set to DHCP by default. This means that it will automatically get an IP address from the router. The EZTools software can then be used to find this IP address. If there is no DHCP server, like a router, the camera's default IP address is 192.168.1.13. The default login is Username: admin and Password: admin
2. After logging in, the camera will need to be properly set for its installed mode. Navigate to setup at the top of the screen, open the system menu and then the Fisheye Settings.
3. Set the fisheye mode to the view that should be show by default. Normally this setting should stay as Fisheye
4. Next set the Mounting setting based off of how the camera is installed. There are three settings Ceiling, Table, and Wall. Ceiling is if the camera in mounted facing straight down, wall is if the camera is mounted sideways on a vertical surface, and table is if the camera is mounted facing up from a horizontal surface.
5. Angle of view is to be set if using any PTZ mode as the Fisheye Mode setting. This setting allows for users to define the angle of degree the image is viewing from the camera lens. This will also affect the narrowness of the image when viewing the Panorama split.

In the Live View section of the web service for the camera, de-warp settings can be found on the right hand side of the image. These de-warp settings are only here if the Fisheye Mode is set up for multiple view types such as the mode for Fisheye, Panorama, and Fisheye + 3PTZ. When these settings are visible and used they will allow for different de-warped views in the camera's web service.

For setting up all other standard IP cameras please see our "How to setup Uniview IP cameras" tutorial. This will go over standard IP camera options and settings for setting up the camera directly out of the box.

SETTING UP FISHEYE CAMERA ON A RECORDER

1. First make sure that the camera is correctly locally networked and that it can be seen from the EZTools software. The camera will be set to DHCP by default. This means that it will automatically get an IP address from the router. The EZTools software can then be used to find this IP address. If there is no DHCP server, like a router, the camera's default IP address is 192.168.1.13. The default login is Username: admin and Password: admin
2. Local network the recorder by opening the main menu on the recorder directly connected monitor. Then navigating to System > Network and setting the recorder on DHCP. After setting to DHCP, apply the setting and exit the main menu. After exiting the menu return to the network setting and set the network IP back to static and apply. (Make sure that the recorder grabbed a new IP address.)
3. Next take the IP address that the recorder was assigned from the router while it was on DHCP and navigate to that address in internet explorer. Once the recorder's login page loads, log into the recorder using the default credentials of Username: admin and Password: 123456
4. Once logged into the recorder, the camera will need to be added to the recorder. Open the Setup tab at the top of the screen. Then navigate to Camera > IP Camera.
5. After getting into the IP Camera menu click on the Quick Add button. This will allow for the recorder to scan the local network and find the camera automatically. After finding the camera, check off the Fisheye camera's IP and click ok at the bottom. The camera will then be added to the recorder, taking up 6 channel spots to allow for de-warping on the recorder. If you wish to use just one channel spot or only one view type, click on the ADD button instead of Quick add and manually type in the IP camera's IP address*.
6. After the camera is added, the recorder will automatically recognize it as a fisheye camera and the camera will appear under the Fisheye menu tab at the top of the IP camera menu.
7. In the Fisheye Menu after the camera shows up and is listed, click on the configure pencil.
8. In the Fisheye camera configuration menu the Mount type, Angle of View, and the Fisheye Mode can be changed.
9. When changing the Fisheye mode, the Remote camera ID will correspond to the channel that has been added to the recorder.

* When adding the camera via quick add it will add the camera and take up six channel slots on the recorder. It will assign each channel a specific remote channel ID. This will determine what type of view is shown in that channel. D1(Fisheye) D2(Panoramic) D3(PTZ1) D4(PTZ2) D5(PTZ3) D6(PTZ4).

If the camera is manually added to the recorder when adding it will ask for a channel amount, the person adding the camera can select from 1 to 6 channels to add and then select which remote channel IDs they want to display in the channels. If a user wants to only display D1(Fisheye) D2(Panoramic) and D5(PTZ3) they can do that.

<input type="checkbox"/>	10	D10	192.168.0.210	80	1	Uniview		UNIVIEW	IPC868ER-VF18
<input type="checkbox"/>	11	D11	192.168.0.210	80	2	Uniview		UNIVIEW	IPC868ER-VF18
<input type="checkbox"/>	12	D12	192.168.0.210	80	3	Uniview		UNIVIEW	IPC868ER-VF18
<input type="checkbox"/>	13	D13	192.168.0.210	80	4	Uniview		UNIVIEW	IPC868ER-VF18
<input type="checkbox"/>	14	D14	192.168.0.210	80	5	Uniview		UNIVIEW	IPC868ER-VF18
<input type="checkbox"/>	15	D15	192.168.0.210	80	6	Uniview		UNIVIEW	IPC868ER-VF18

Channel Number

IP of Cam

Port #

Remote Channel ID

Model