

Merit LILIN Application Note

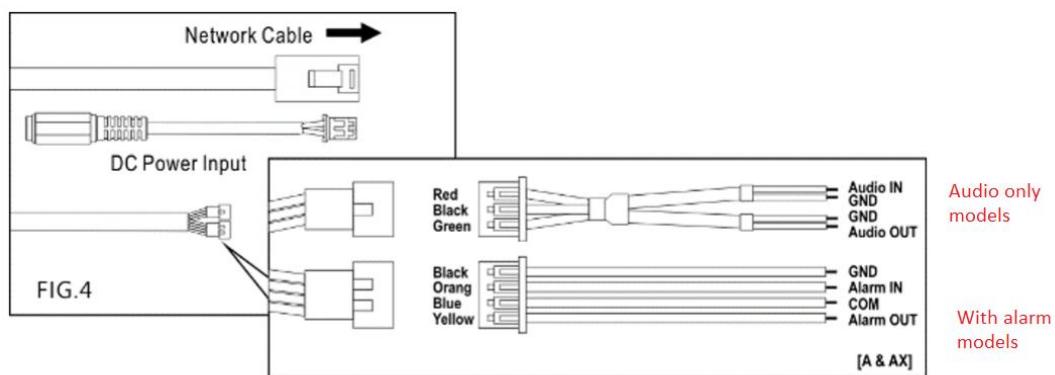
How to Setup Two-way Audio for IP Camera

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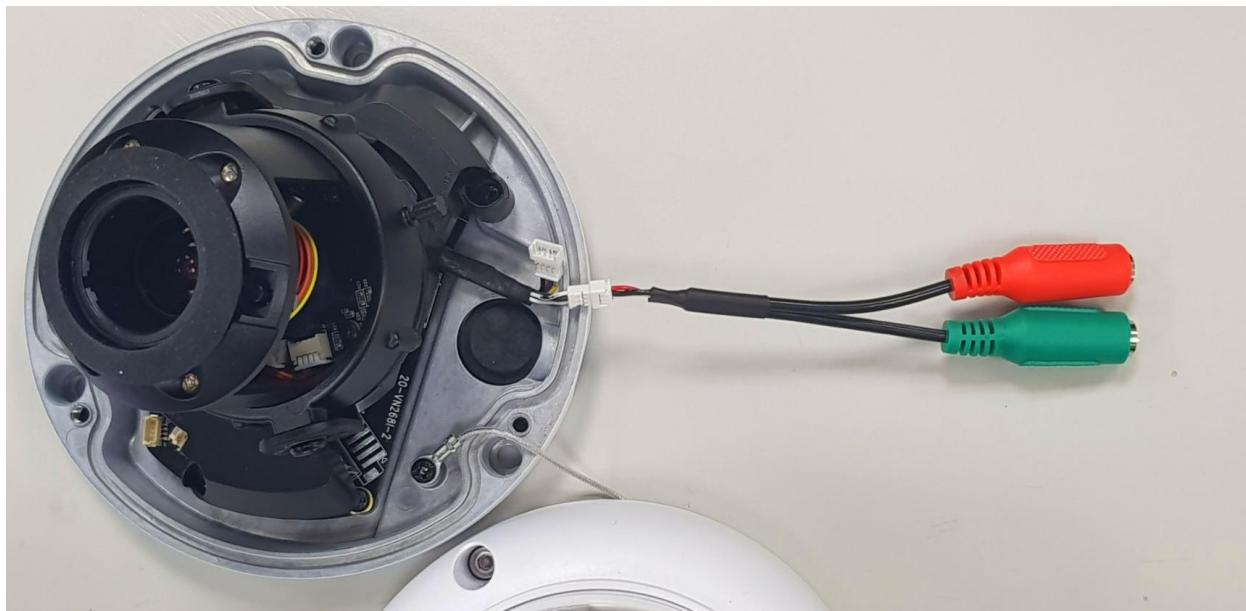
Subject: How to setup two-way audio for IP camera

Description: This document describes how to setup two-way audio for ZR2322 and ZMR/MR series cameras.

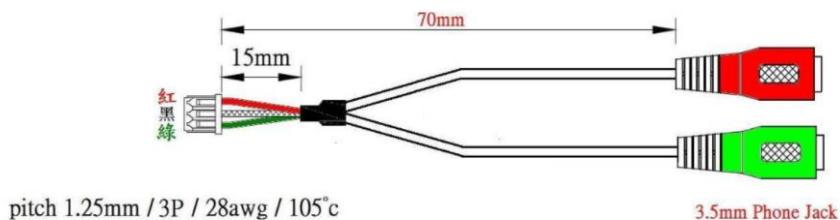
For ZMR/MR Cameras, MR3022A(X), MR3042A(X), MR2922A(X), MR2942A(X) indoor cameras, please see audio pin assignment below:



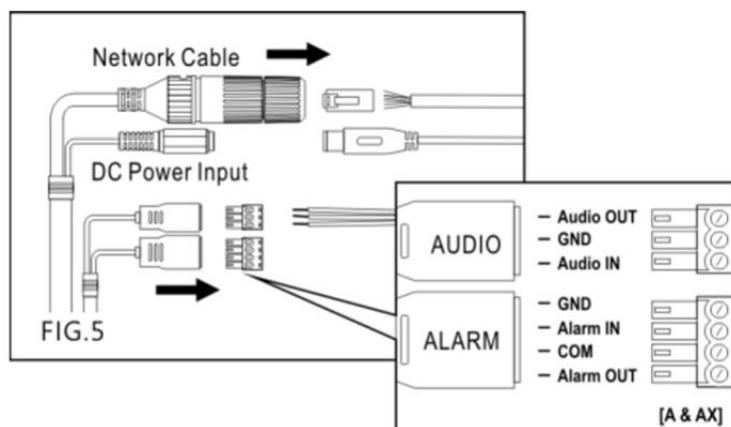
You can also purchase the LILIN part # 34-0209 audio in and out audio connectors.



34-0209 WIRE ASS'Y 3P 70MM W/HSG&JCK*2



For ZMR/MR Cameras, MR6322A(X), MR6342A(X), MR6422A(X), MR6442A(X) outdoor cameras, please see audio pin assignment below:



For 3.5mm audio jack, please connect either Left or Right and ground pins to a LILIN camera.



The connection is shown below:



Note: Above diagram is for demo purpose. Please wire and tape the wires properly.

For ZR2322 cameras, Connect the speaker with 3.5 mm audio jack and the microphone to the camera which goes to the "Audio In" for the microphone and "Audio Out" for the speaker. The microphone and speaker are the same type we use for a PC shown below.



Using the Cameras

Step #1:

Use IE browser to login the camera and go to the "Audio Adjust" as shown below. The "Audio" needs to be enabled.

For MR/ZMR series:

LILIN
Live | Basic Mode | Advance Mode | Language | Logout

System
Video / Audio
Network
SmartEvent
Notification
Maintenance

[General](#)
[Quality Basic](#)
[Quality Advance](#)
[White Balance Control](#)
[Auto Focus](#)
[Day Night Mode Switch](#)
[ROI](#)
[Privacy Mask](#)
[Audio Adjust](#)
[Lens Distortion Correction](#)

Advance >> Video / Audio >> Audio Adjust

Audio Adjust	<input checked="" type="radio"/> Enable <input type="radio"/> Disable
Audio Input Volume	50 <input type="button" value="▼"/>
Audio Input Gain	+20 dB <input type="button" value="▼"/>
Audio Output Volume	50 <input type="button" value="▼"/>
Audio Encoding Type	<input checked="" type="radio"/> G711 u-law <input type="radio"/> AAC
Sampling Rate	8000 Hz <input type="button" value="▼"/>
Bit Rate	16 kbit/s

For ZR2322, Pro series camera,

**Step #3:**

Enable the Speaker in IE browser by clicking on the speaker button for audio in and Mic button for audio out.

**Contact**

Contact <http://lilin.zendesk.com> for technical support.
For more information, visit www.meritlilin.com.