

Merit LILIN Application Note

How to Setup Two-way Audio for IP Camera

Document Number : A00068

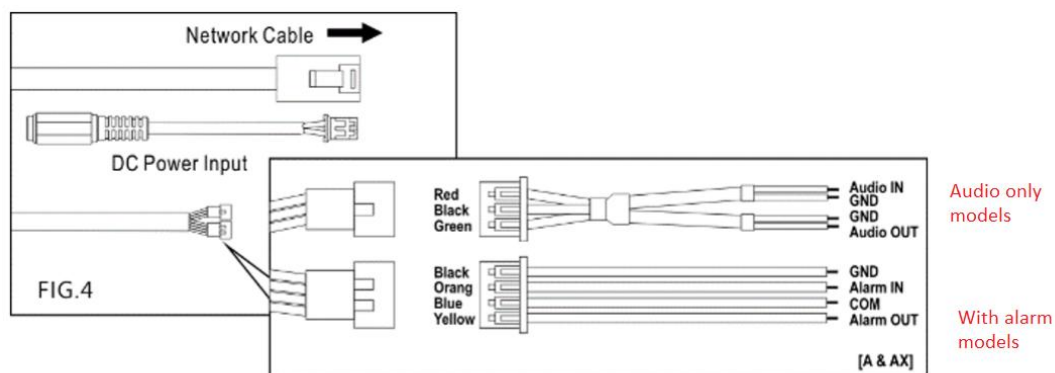
Date : 01/30/2015

Dept : Technical Support, Taipei

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.

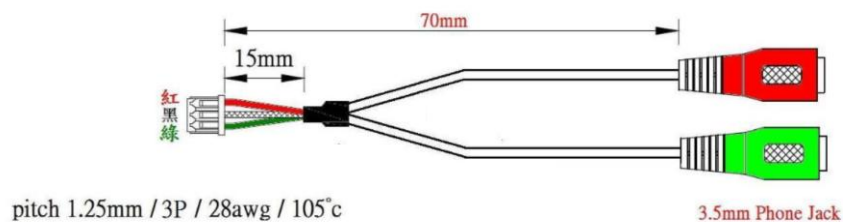
For ZMR/MR Cameras, MR3022A(X), MR3042A(X), MR2922A(X), MR2942A(X) in-door cameras, please see audio pin assignment below:



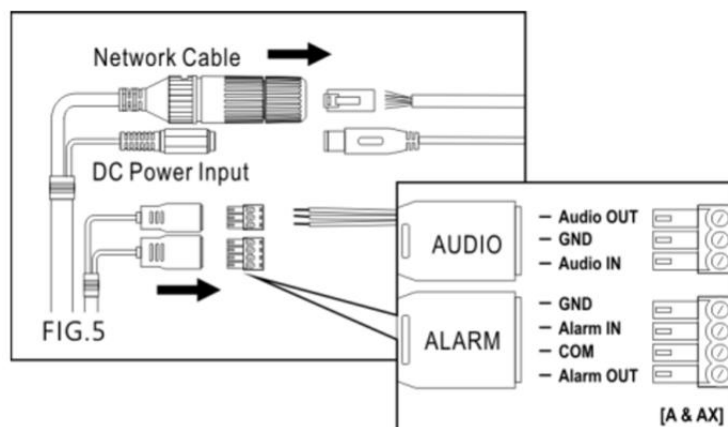
You can also purchase the LILIN part # 34-0209 audio in and out audio connectors.



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:



Live | Basic Mode | Advance Mode | Language | Logout

SystemVideo / AudioNetworkSmartEventNotificationMaintenance

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

☒ Enable ☐ Disable

Audio Input Volume

50

Audio Input Gain

+20 dB

Audio Output Volume

50

Audio Encoding Type

☒ G711 u-law ☐ AAC

Sampling Rate

8000 Hz

Bit Rate

16 kbit/s

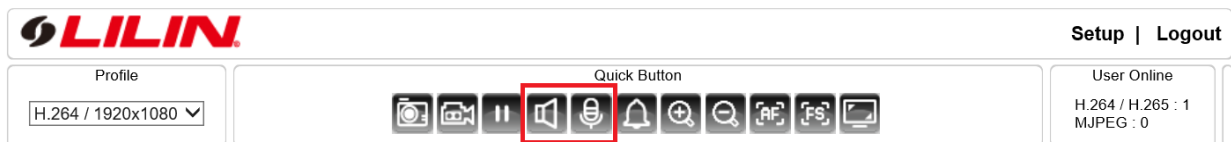
Submit

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.