Connecting an EX36 microphone to a Divar XF

September 1, 2009

Issue Severity:		Products Affected:
	High: Act immediately	EX36 Corner Mount CameraDivar XF Series
	Medium: Bosch Security Systems strongly recommends you take the action(s) described below.	
\boxtimes	Low: Advisory	

1.0 Capability

The EX36 No-Grip corner mount camera is available with a microphone option for audio recording. This application describes the steps to connect and enable this feature through the Divar XF.

Notes:

- Divar XF enables full lip sync quality audio video when recorded at full 30fps.
- Speakers are not provided. System will require separate amplifier and speakers or use of PC powered speakers.

2.0 Setup

1. Connect the white and black (ground) microphone flying leads, located on the back the EX36 camera to a dual core cable of at least 2x24 AWG no more than 100 feet in length (larger wires can be longer).



Figure 1: EX36 with Microphone Option

2. Connect the microphone cable wired in the above step to an RCA connecter. Then, plug the RCA connector into the appropriate channel on the back of the Divar XF.



Figure 2: Divar XF rear detail

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- 3. Login to the Divar XF and navigate to the Settings page.
- 4. Click the Video & Audio link and enable the microphone as shown below. Then, setup the gain as required.

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Figure 3: Enable Video & Audio option

- 5. For continuous recording, expand the **Recording** tab, click on **Normal** and select **Continuous**.
- 6. Click the **Record** audio box and select the desired audio quality.

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Figure 4: Continuous Recording option

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- 7. For Events only recording:
 - a. Click Normal and select Events only recording mode.



Figure 5: Events Only Recording option

b. Click Alarm or Motion and click the Record audio box.

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Figure 6: Alarm Recording option



Figure 6: Motion Recording option

c. Select desired Audio quality.

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