

Connecting an EX36 microphone to a  
Divar XF

September 1, 2009

<b>Issue Severity:</b>	<b>Products Affected:</b>
<input type="checkbox"/> High: Act immediately	<ul style="list-style-type: none"><li>• EX36 Corner Mount Camera</li><li>• Divar XF Series</li></ul>
<input type="checkbox"/> Medium: Bosch Security Systems strongly recommends you take the action(s) described below.	
<input checked="" type="checkbox"/> Low: Advisory	

### 1.0 Capability

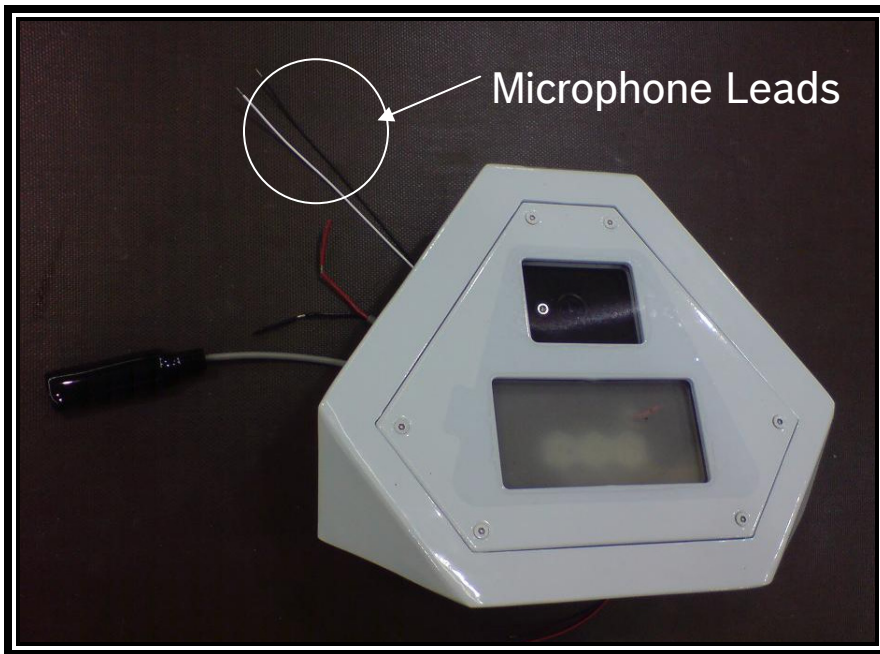
The EX36 No-Grip corner mount camera is available with a microphone option for audio recording. This application describes the steps to connect and enable this feature through the Divar XF.

**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.

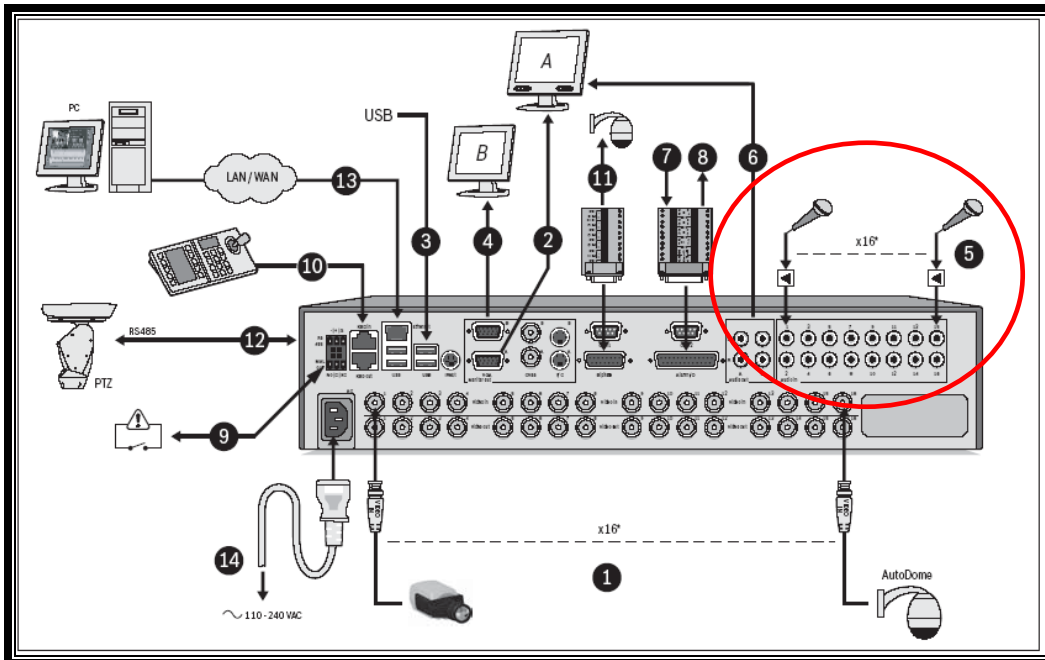
## 2.0 Setup

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).



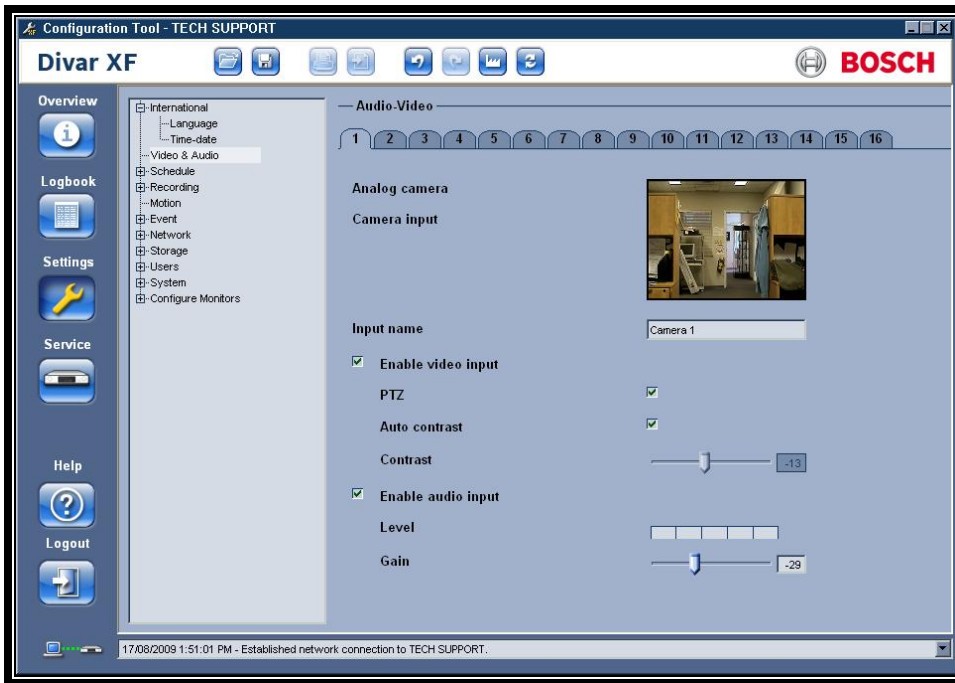
**Figure 1: EX36 with Microphone Option**

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



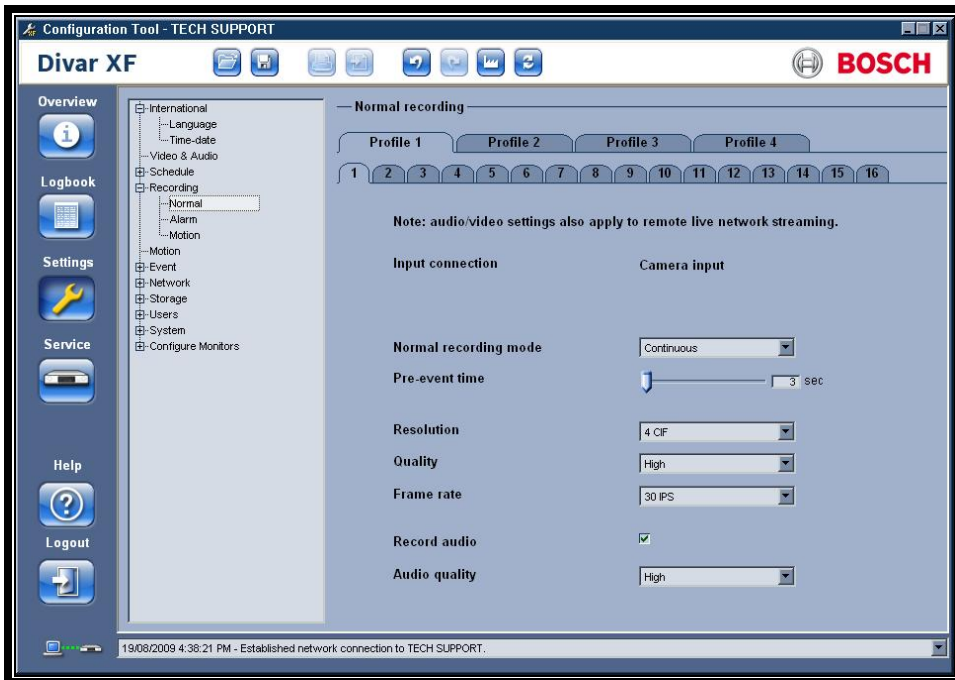
**Figure 2: Divar XF rear detail**

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.



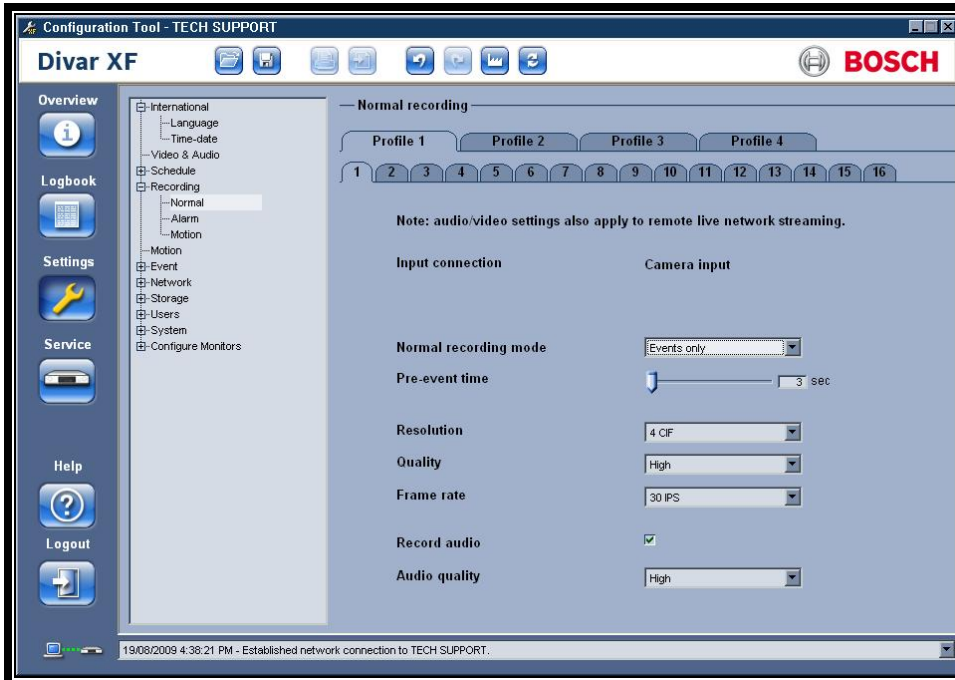
**Figure 3: Enable Video & Audio option**

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.



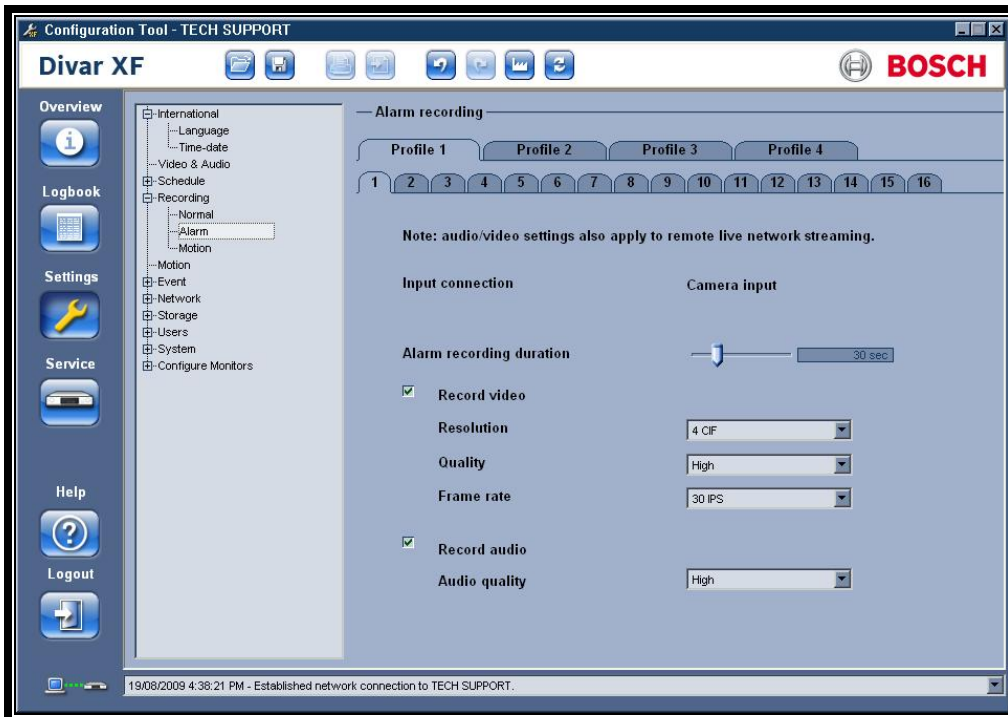
**Figure 4: Continuous Recording option**

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

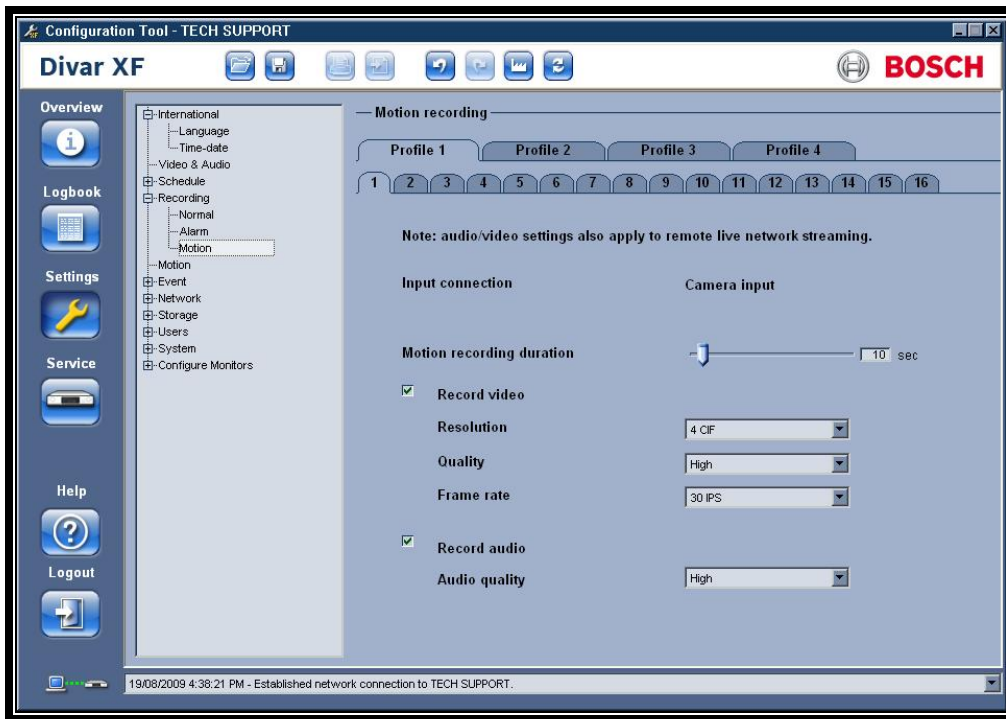


**Figure 5: Events Only Recording option**

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



**Figure 6: Alarm Recording option**



**Figure 6: Motion Recording option**

- c. Select desired Audio quality.