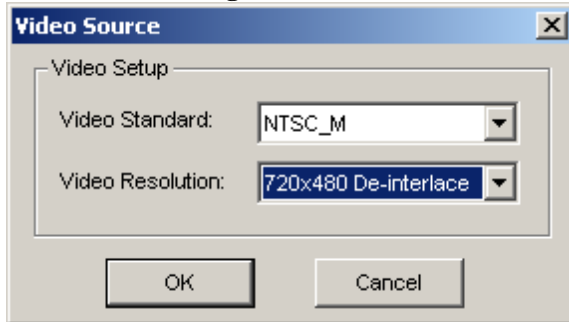## 2.3 Camera Configuration

2.3.1 Video Resolution

1. In Multicam, click on "**Configure**" icon.
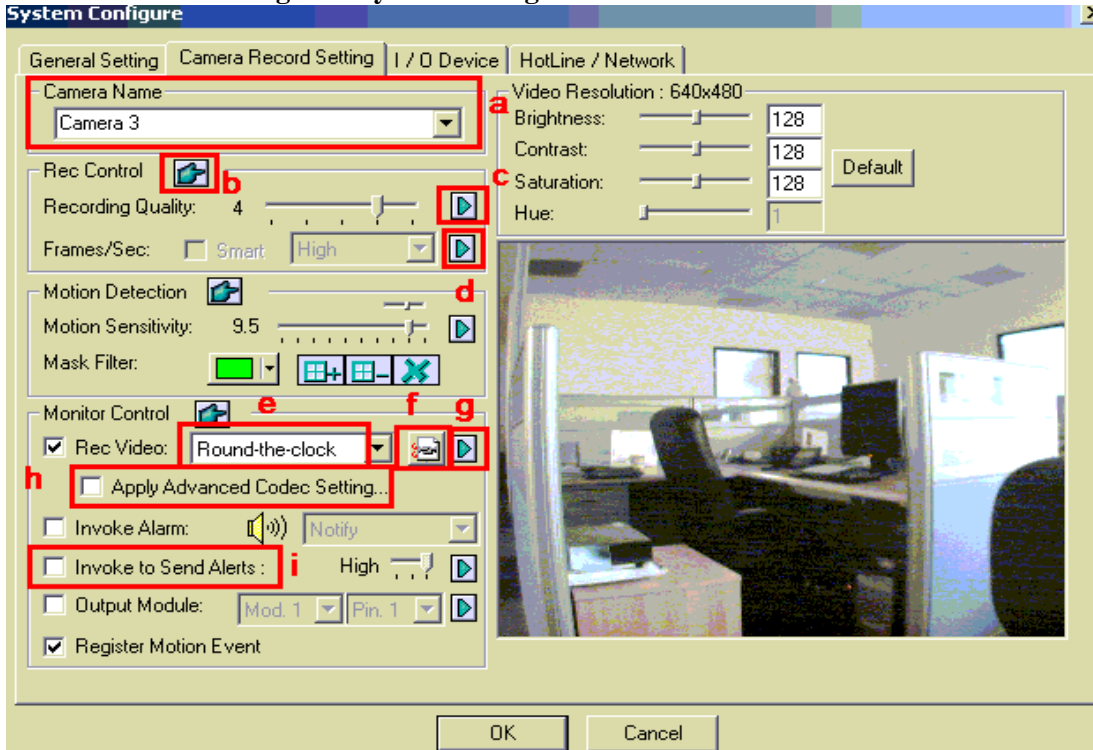2. Select "**A/V Setting**" -> "**Video Source**".

3. Select desired resolution from the drop-down list for analog camera input.

✓ *The indicated video source above applies to analog camera inputs only. Such resolution does not apply on any IP device.*

2.3.2 Camera Record Setting

1. In Multicam, click on "**Configure**" icon.
2. Select "**General Setting**" -> "**System Configure**".
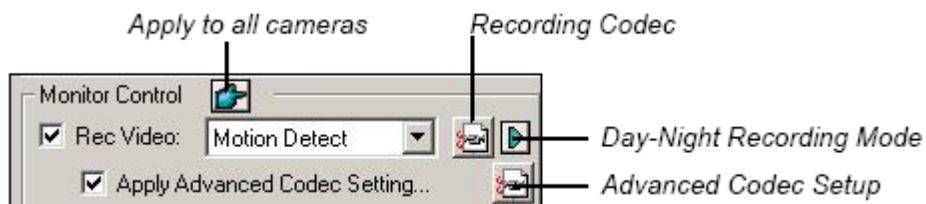

3. Click on the tab "**Camera Record Setting**".
   a. Rename camera or switch to a different camera

    b.   Green hand allows same settings within the box to be applied across all cameras

    c.   Adjust recording resolution

    d.   Adjust customized frame rate, if applicable

    e.   Recording method

          i.   Round-the-clock (24/7)

         ii.   Motion Detection

       iii.   Day-Night (combination of the previous two methods by an hourly schedule)

    f.   Select video compression codec (refer to section 2.3.3 Compression Codec section)

    g.   Advanced scheduled recording (only available if Day-Night option above is selected. Refer to section 2.4.2 Advanced Scheduled Recording)

    h.   Check "**Apply Advanced Codec Setting**" to utilize multiple cores CPU.

    i.   "**Invoke to Send Alerts**" is to send alert via e-mail/SMS when motion is triggered. (refer to section 2.8.1 E-mail Account Setup)

✓ For detailed instruction, refer to p.20 of v8.4 User Manual

2.3.3 Compression Codec

1. In Multicam, click on "**Configure**" icon.
2. Select "**General Setting**" -> "**System Configure**".
3. Click on the tab "**Camera Record Setting**".

4. Under "**Monitor Control**" section, click on "**Recording Codec**"

    a.   Geo Mpeg 4 – The codec with the largest file size but with the best quality.

    b.   Geo Mpeg 4 ASP – It is about 15% more compressed than Geo Mpeg4.

    c.   Geo H.264 – It is 30% more compressed than Geo Mpeg4.

    d.   Geo H.264 V2 – It is 40% more compressed than Geo Mpeg4.

✓ *Please note that higher compression, such as H.264 V2 and H.264, should be applied only when system spec permits. Otherwise it may result in CPU overloading.*