PONEMAH - NOLDUS MEDIA RECORDER
QUICK START GUIDE

CONFIGURE CAMERAS WITHIN MEDIA RECORDER

1. Launch Ponemah
2. Open the appropriate Protocol file to be used for the acquisition or use the default Protocol to start.
3. Select **Hardware| Video Configuration** to launch the Noldus Media Recorder
4. Click the **Settings** button, or choose **File Menu| Settings**

   Settings | Refresh

5. In the Media Recorder Settings window, enable the video source by checking the checkbox under the **Use** column.
6. Select your cameras from the dropdown list under **Video device**.

   IP Cameras
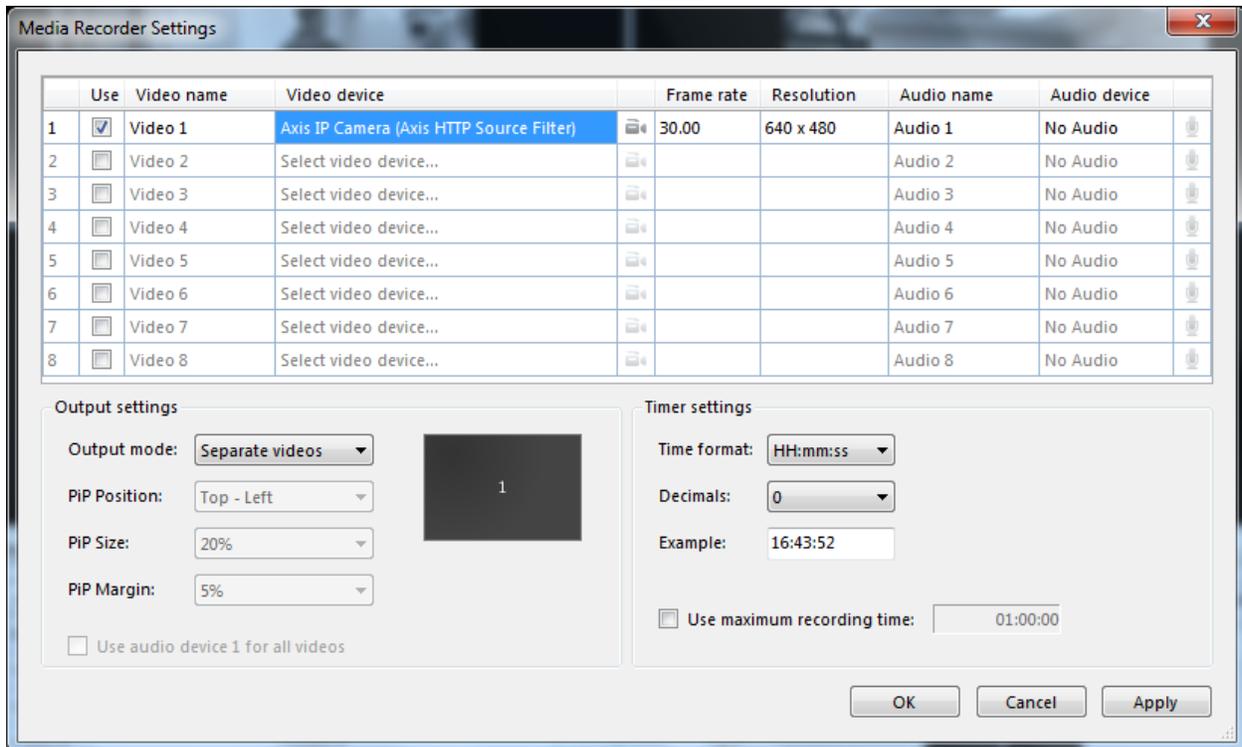
   i. Choose **Axis IP Camera** from the dropdown list.
   ii. Click the **Camera Icon** to access the advanced settings.
   iii. Enter the **IP Address** of the Camera.

   Note: The IP address can be obtained using the Axis Video Software. See Media Recorder 2.6 Service Manual Page 20 for more information.

     iv.   Enter the **User Name** and **Password**.
          Default Axis User Name/Password: root/root
     v.   Click **OK**.

IP Camera Settings

IP address:	169.254.100.100
Port:	80
User name:	root
Password:	••••

OK   Cancel
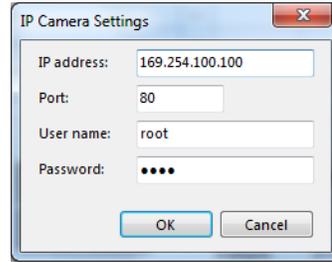
7.   Select the preferred **Frame Rate** and **Resolution**. The options shown in these fields are dependent on your camera type. By default the optimal combination of frame rate, resolution and color space of your camera is selected. Should you not require the frame rate or resolution auto-selected, it is recommended to lower these to your required settings to reduce video file size. Please see the Noldus Media Recorder Manual for more information.

Note: If you increase the frame rate, the maximum resolution available goes down and vice versa. If you select an impossible combination of frame rate and resolution and format, the Media Recorder gives a warning (see below).

Media Recorder Settings

	Use	Video name	Video device		Frame rate	Resolution	Audio name	Audio device	
1	☑	Video 1	Euresys PICOLO U4 H.264 No/0 - VID1	🎥	30.00 ⚠	1920 x 1080 ⚠	Audio 1	No Audio	🎤
2	☑	Video 2 ⚠	Euresys PICOLO U4 H.264 No/0 - VID2 ▼	🎥		Invalid combination of framerate, resolution and color space. The device does not list this combination as supported.			
3	☐	Video 3	Euresys PICOLO U4 H.264 No/0 - VID2	🎥			Audio 3	No Audio	🎤
4	☐	Video 4	Euresys PICOLO U4 H.264 No/0 - VID3	🎥			Audio 4	No Audio	🎤
5	☐	Video 5	Euresys PICOLO U4 H.264 No/0 - VID4	🎥			Audio 5	No Audio	🎤
			Axis IP Camera (Axis HTTP Source Filter)						
			Select video device...						
6	☐	Video 6	Select video device...	🎥			Audio 6	No Audio	🎤
7	☐	Video 7	Select video device...	🎥			Audio 7	No Audio	🎤
8	☐	Video 8	Select video device...	🎥			Audio 8	No Audio	🎤

Output settings

Output mode:	Separate videos ▼
PiP Position:	Top - Left ▼
PiP Size:	20% ▼
PiP Margin:	5% ▼

☐ Use audio device 1 for all videos

[1 | 2]

Timer settings

Time format:	HH:mm:ss ▼
Decimals:	0 ▼
Example:	16:43:52

☐ Use maximum recording time: 01:00:00

OK   Cancel   Apply

8.   Optionally you can change the names of video cameras. The name specified here will be displayed within Ponemah during the camera assignment process.

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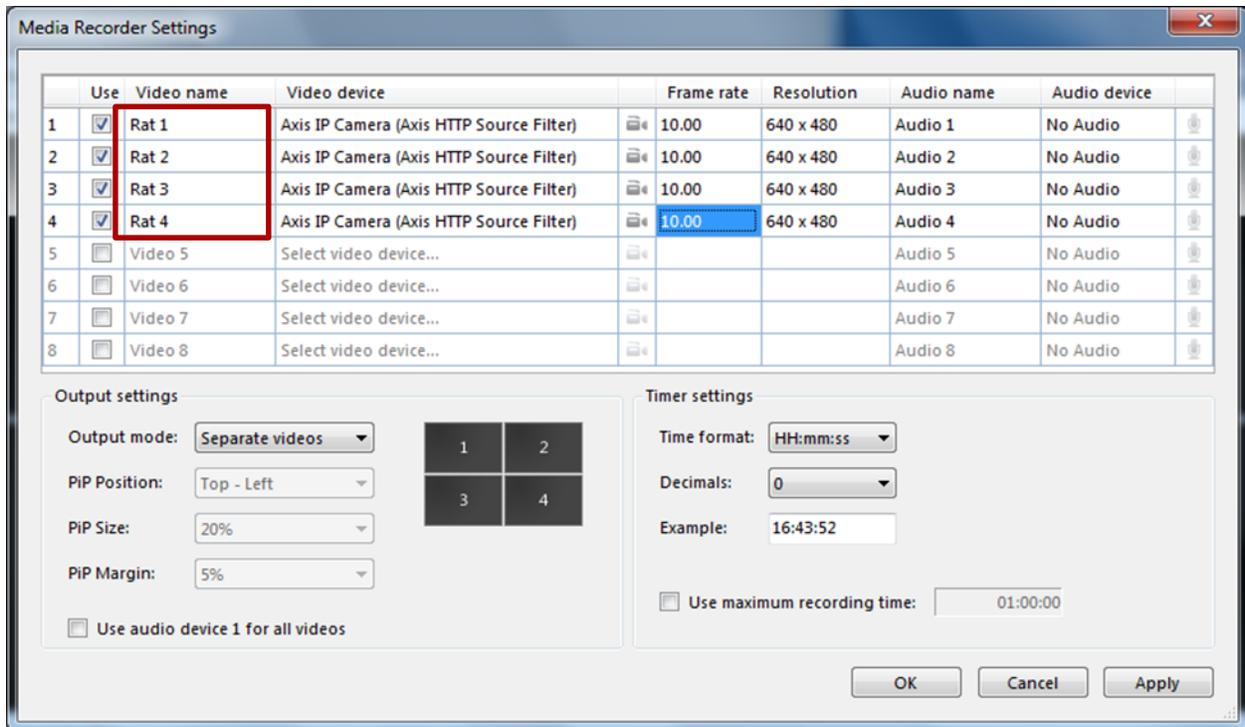
9. Use the dropdown menu associated with **Output mode** to select **Separate videos**.

   Note: Noldus Media Recorder v2.6 supports Picture-in-Picture (PIP) presentations during acquisition; however, Ponemah will not keep this presentation during playback of video files in Replay or Review.

10. It is recommended to leave the *Timer* settings set to the default values.
11. Click **OK**. The Media Recorder window now shows the selected cameras, settings and a preview of the videos.
    a. You can change the order of the video cameras by dragging and dropping rows. Click the Refresh button after you have done this.
12. Once camera setup is complete, choose **File| Exit** to close Media Recorder and return to Ponemah to complete Protocol setup.

ASSIGNING CAMERAS TO GROUPS WITHIN PONEMAH

Once the cameras are configured within Noldus Media Recorder, these cameras must be grouped with the physiologic data you wish to associate and sync the video data to within the Ponemah Protocol Setup.

1. Select the **Setup Menu| P3 Setup**
2. Choose **Groups** from the options on the left
3. Under the **Video** column, use the dropdown menu to select the appropriate video camera.

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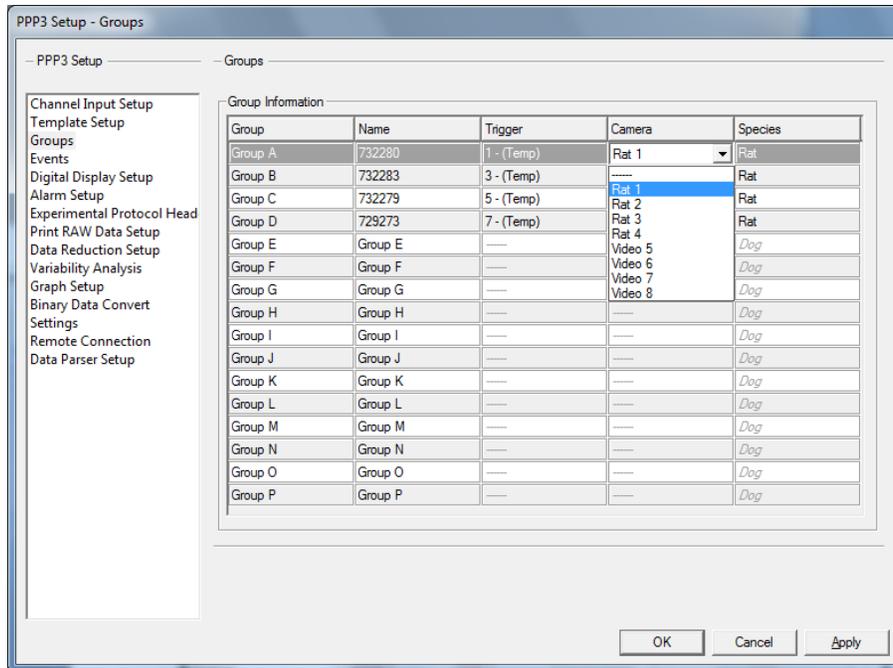
Note: Camera data is associated with a particular Ponemah Group and will therefore be synchronized with the data from the physiologic channels assigned to the same group, as defined in the Channel Input Setup.
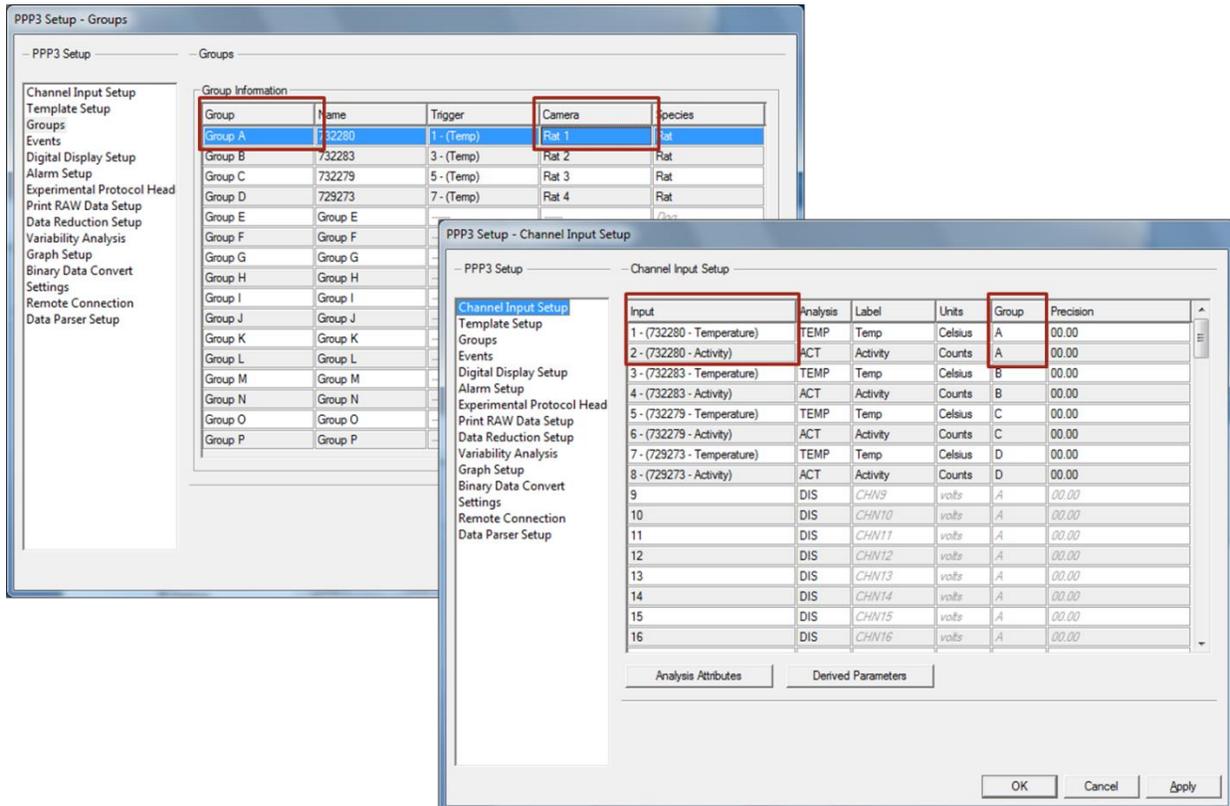
4.   Ensure **Link Video Saving** is enabled within **Settings** option.
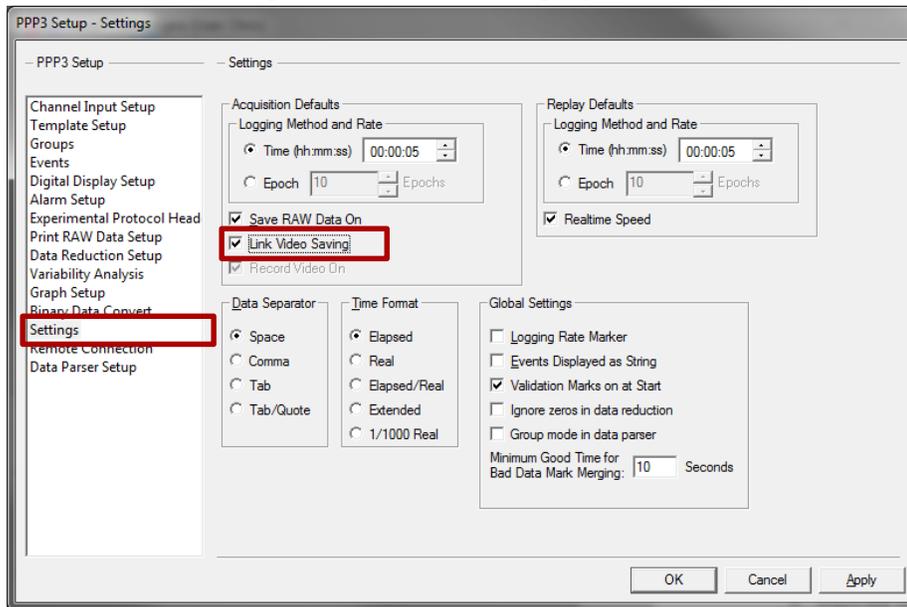
5.   Click **OK**.

6.   Save the Protocol file by selecting **Functions| Save Protocol**.

7.   Video recording will commence upon starting an acquisition.

For more information, please see the Noldus Media Recorder Reference and Service Manuals.

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