

## How to configure IP Cam Secure to use different resolution?

## Scenario

IP Cam Secure supports "transcode" function which can lower the video resolution. This function allows different profiles for recording (higher resolution) and mobile view (lower resolution).

A. Change the recording frame rate and the resolution for analog camera.

1.) Please go to [Schedule]->[Configure]->[Encoding Options]->[Video Encoder]

2.) Please remember to click [OK] to save the setting.





Please note: if the recording resolution is higher than video source, you will get a warning message "Recording resolution cannot exceed the video source resolution."

- B. Change the recording frame rate and the resolution for IP cameras
- 1.) Go to schedule->configure->encoding options->video encoder

Schedule Configuration  Load Copy to  Schedule  Co	Default         0         1         2         3         4         5         6         7         8         10         11         12         13         14         15         16         17         18         19         20         21         22         23         24           AXIS-P3301
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Original Video		C Encoded Video		
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	Mode C Always Record		Video Encoder	
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ime         00:00 ÷           ind Time:         23:59 ÷           ind Time:         5 sec. (Max: 60)           re-record:         3 sec. (Max: 60)	Mode Always Record Record on Event Record on Motion: Benotbuty Frame Interval	Select Event	Video Encoder  Keep original video format  Adjust MJPEG video frame rate  Keep key frame only (for MPEG4, H.264, MxPEG)	
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2.) The first option is "keep original video format".

If the video format of camera is MJPEG, you can record the video with lower frame rate to save hard disk space.

If the video format of camera is MPEG4, H.264 or MxPEG, you can keep keyframe only for recording to save the hard disk space.

Video Encoder	
Keep original video format	
Adjust MJPEG video frame rate	
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C Customized encoding	
Setup	
Default	



3.) The second option is customized encoding.

Press setup button to configure encoder parameter. You can change video format, frame rate, resolution, quality or bit rate for recording to save hard disk space.

Video Encoder				
C Keep original video format				
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↓ 1 ✓ Keep key frame only (for MPEG4, H.264, MxPEG)				
Customized encoding				
Default				

Encoder Parameter	
Video format:	MPEG4
Frame rate:	10
Resolution:	CIF
<ul> <li>Quality:</li> </ul>	Normal
C Bit rate:	50 kbps
	V OK X Cancel

- C. Transcode for live stream
  - 1 Server side:
    - 1.1 In Main console click on config buttons and select setting
    - 1.2 Go to camera tab and click on Stream profile



🖕 Setting	×
General Camera VO Device PTZ Config Hotline Address Book Monitor Display Joystick	
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Go to Web Interface Go to Web Interface Camera Settings Video Parameter Stream Profile V Bitra	e 2010/11/16 e PM02:46:00 nera Number nera Name Font ate Apply All
	V OK X Cancel

1.3 There are five stream profiles that can be set for Remote live viewer

	Format	Frame Rate	Resolution	Quality	Bitrate (Kbps)	
riginal	H264	-	1280x800	-	-	
igh	MPEG4	30	D1	High	-	
ormal	MPEG4	15	CIF	Normal	-	
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2 Client side

Client side: In Remote Live viewer software, right click on the channel and select the stream profile you prefer.

Pevelôme WES-0030 (192.168.0.2)	Enable Digital PTZ Stream Profile Instant Playback Enable Audo Snapshot Toggle Fulkcreen V Low Minimu	Y ded al m	
		123: LevelOne WCS-0030 (192.168 Playing 448.8 kbps	