

[Support Package]

ID	TS-00012	Created	May. 25, 2005
		Updated	
Category	Configuration	Sub Category	Bandwidth
Product	SED-2100, CAM-5100		
Purpose	How to configure constant and variable frame rate?		
Support URL	http://www.acti.com/support		
Tech Support	Customer.service@acti.com		
MSN Messenger ID	Customer.service@acti.com		

[Support Package]

How To Use Constant And Variable

Constant:

Step 1:

1. Open Web Configuration.
2. Click on **Video Setting**, and then choose the **Frame Rate Mode** is on **Constant Mode**, **Frame Rate** is on **25FPS**.
3. Click on “Apply” button, then “Save and Reboot”.

The screenshot displays the 'Camera-1' web configuration interface. On the left is a navigation menu with options: Video Display, Host Setting, WAN Setting, Date Setting, Video Setting (highlighted), Video Adjust, User Account, Logo Setting, System Info, Firmware, Factory Default, Save Reboot, and Logout. The main content area is titled 'Video Setting' and contains the following fields:

Camera Name	Camera-1
LAN Streaming	TCP
WAN Streaming	TCP
Multicast IP	228.5.6. 6
Analog Video	PAL
Resolution	P720x576
Bitrate	1.2Mbps
ToS(Type of Service)	Disabled
ToS Priority	Normal-Service
Frame Rate Mode	Constant
Frame Rate	25
HTTP Port	80
Search Server Port 1	6005
Search Server Port 2	6006
Video Register Port	6000
Video Control Port	6001
Video Streaming Port	6002

In the screenshot, the 'Frame Rate Mode' dropdown menu is highlighted with a red box, showing 'Constant' selected. The 'Frame Rate' dropdown menu is also highlighted with a red box, showing '25' selected.

[Support Package]

Step 2:

1. Go to Activator Software.
2. Click on Camera Setup.
3. Input All need information, then click on “Preview” button.
4. You can see the Frame Information, the Frame Rate Mode is on Constant, and you can not choose other FPS. It is show 25FPS.

The screenshot displays the 'Configuration: Channel [1]' window of a camera management software. The interface includes a top navigation bar with buttons for 'Camera', 'PTZ Setup', 'Recording', 'Schedule', 'Digital I/O', 'Motion Detection', 'Notification', 'Error Handling', and 'System'. The 'Camera' tab is active, showing several configuration sections:

- Camera Information:** Fields for Camera Name (camera-1), Camera Model (Video Server), Server IP Address (172.16.1.71), Multicast IP Address, Register Port (6000), Control Port (6001), Streaming Port (6002), Multicast Port (5000), and Http Port (80).
- Connection Information:** Fields for User Name (Admin) and Password (*****), with buttons for 'Open Web Configurator', 'Preview', and 'Close', and a 'Synchronize with Video Server Setting' button.
- Frame Information:** A section where 'Frame Rate Mode' is set to 'Constant' (highlighted with a red box). Below it, 'FPS' is set to '25 Frame' (also highlighted with a red box), 'Resolution' is 'Auto Frame', and 'Bit Rate' is '1.2M'. A green highlight is visible under the '25 Frame' option in the FPS dropdown.
- Image Preview:** A live video feed showing an outdoor scene with buildings and a Ferris wheel.
- Adjustment:** Four sliders for 'Brightness' (55), 'Contrast' (55), 'Hue' (50), and 'Saturation' (85).

At the bottom of the window are 'Apply' and 'Cancel' buttons.

[Support Package]

Variable:

Step 1:

1. Open Web Configuration.
2. Click on **Video Setting**, and then choose the **Frame Rate Mode** is on **Variable Mode**, **Frame Rate** is on **25FPS**.
3. Click on “Apply” button, then “Save and Reboot”.

Camera-1

>> Video Display
>> Host Setting
>> WAN Setting
>> Date Setting
>> Video Setting
>> Video Adjust
>> User Account
>> Logo Setting
>> System Info
>> Firmware
>> Factory Default
>> Save Reboot
>> Logout

Video Setting

Camera Name

LAN Streaming

WAN Streaming

Multicast IP

Analog Video

Resolution

Bitrate

ToS(Type of Service)

ToS Priority

Frame Rate Mode

Frame Rate

HTTP Port

Search Server Port 1

Search Server Port 2

Video Register Port

Video Control Port

Video Streaming Port

[Support Package]

Step 2:

1. Go to Activator Software.
2. Click on Camera Setup.
3. Input All need information, then click on “Preview” button.
4. You can see the Frame Information, the Frame Rate Mode is on Variable, and you can choose other FPS. It can be Auto, 1, 3, 5, 25FPS.

