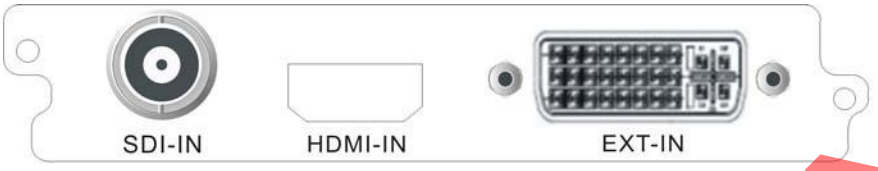
# H.264 SD/HD encoding Card (C150)

# User Guide




## 1. Product Introduction

This is the Operation Guide for C150 H.264 SD/HD encoding Card. It is used for encoding H.264 SD/HD program.

- SDI-IN: the SDI Digital video embedded audio input
- HDMI-IN: the HDMI Digital video embedded audio input
- EXT-IN: 1 × YPbPr component vide, extended via DVI / 1 × CVBS, extended via DVI



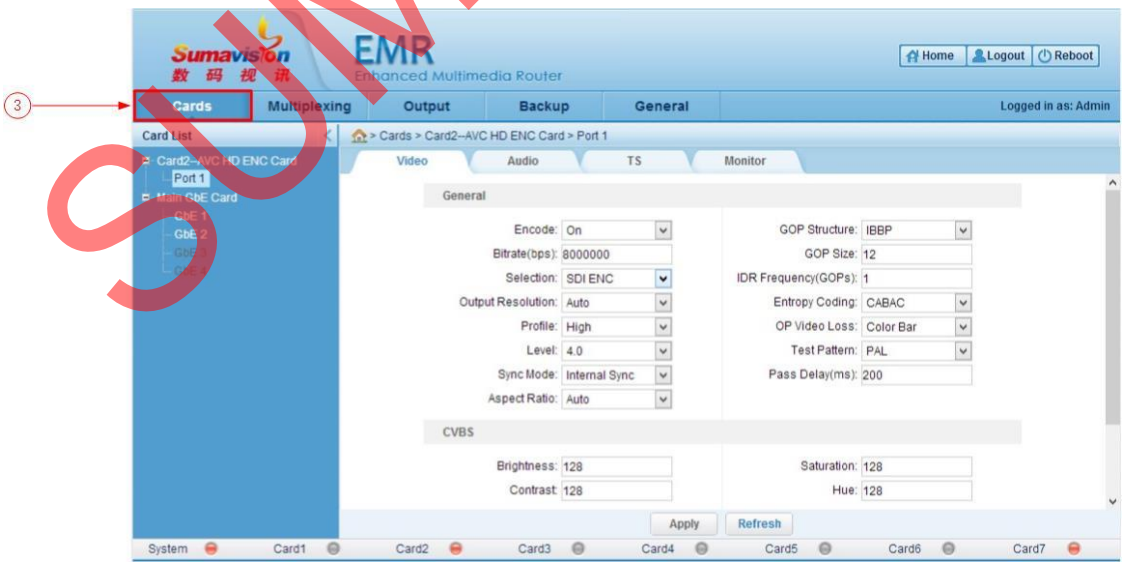
Contact Us

SUMAVISION TECHNOLOGIES CO., LTD
Tel: +86-10-82345859/69/70 Fax: +86 10 62978800
Email: worldmarket@sumavision.com Website: www.sumavision.com

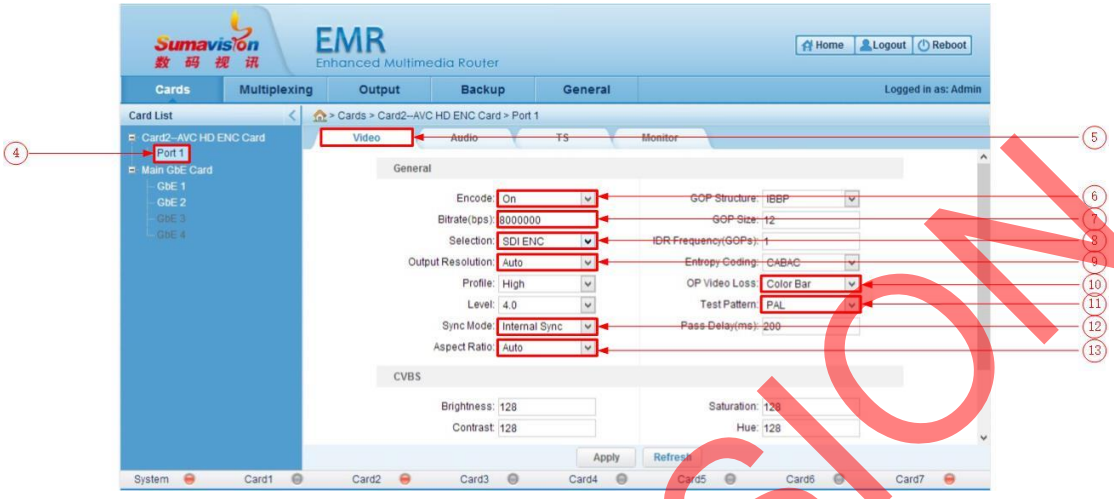
## 2. Web Manager System parameter configure


Step ①: Open the web browser (IE, Chrome, Firefox…) and enter IP address of EMR (check it from front panel) in the address bar, then a login and password will be asked, the default login is **Admin**, and default password is **sumavisionrd**;

Step ②: Choose a language, for example **English**;



Step ③: Click **Cards**, all cards inserted in the EMR 3.0 can be shown on the left side of the web page;




Step ④: Click **Port 1**, all setting parameters are shown on the right of the web page;

Step ⑤: Click **Video**, all setting parameters of Video are shown on this page;

Step ⑥: At first, make sure Encode **Switch** is on;

Step ⑦: Enter bitrates value;

CBR or VBR bitrate mode can be chosen here;

Step ⑧: Select source, keep the source of actual interface with Opt ion value is the same;

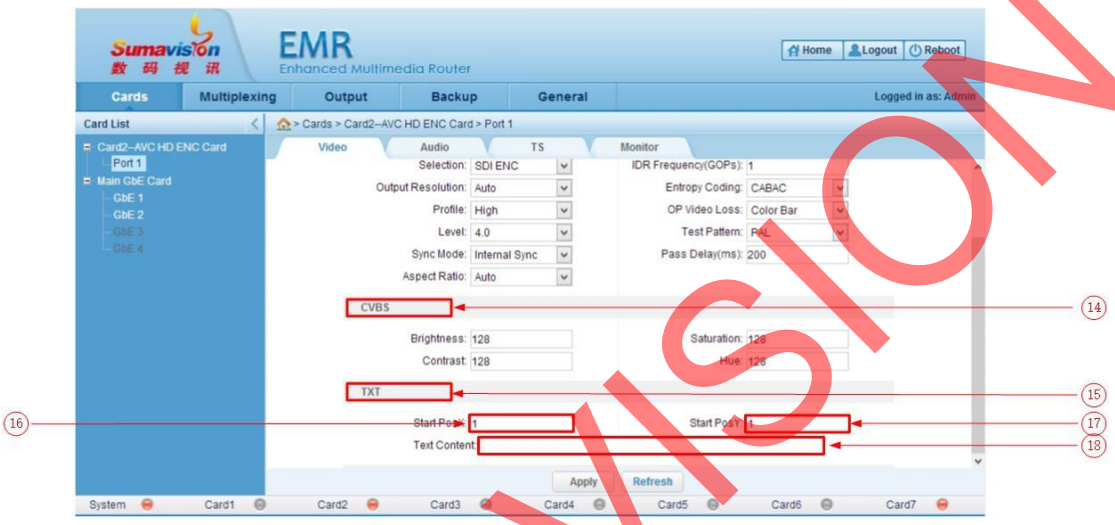
Step ⑨: Select output resolution;

Step ⑩: **Color** bar or **no output** mode can be chosen for no source input;

Step ⑪: PAL, NTSC or other modes can be chosen here;

Step ⑫: Select Sync Mod;

Step ⑬: 4:3, 16:9 or Auto aspect can be chosen here;




Step ⑭: this part is about brightness, contrast, saturation and Hue; values can be adjust, if no need, keep default settings;

Step ⑮: When need input Tele-Text, need input parameters of TXT;

Step ⑯: Starting position (horizontal ordinate) of TXT;

Step ⑰: Starting position (vertical ordinate) of TXT;

Step ⑱: Input Text Content;



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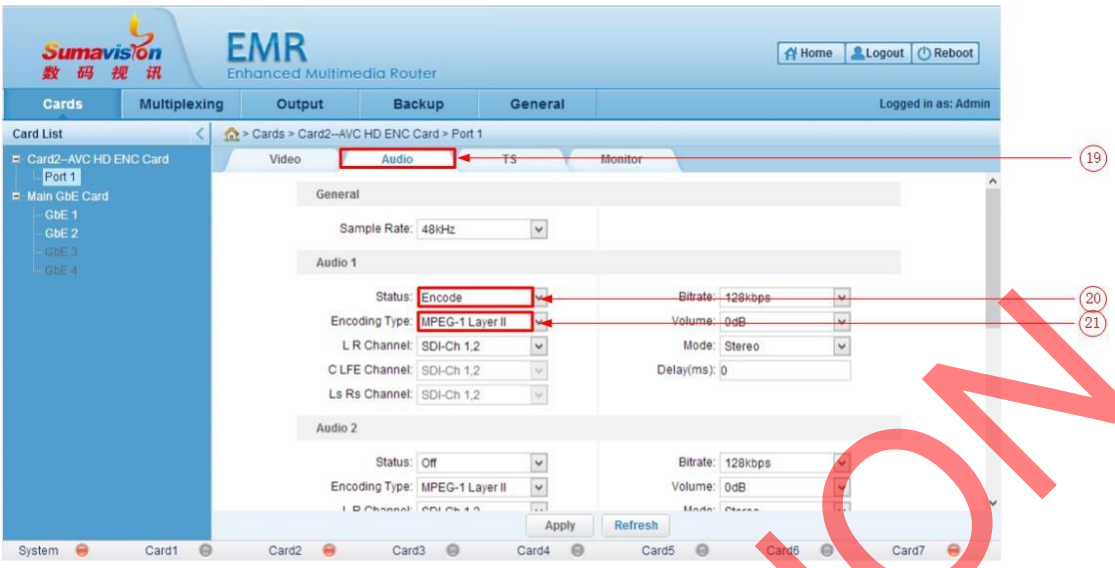
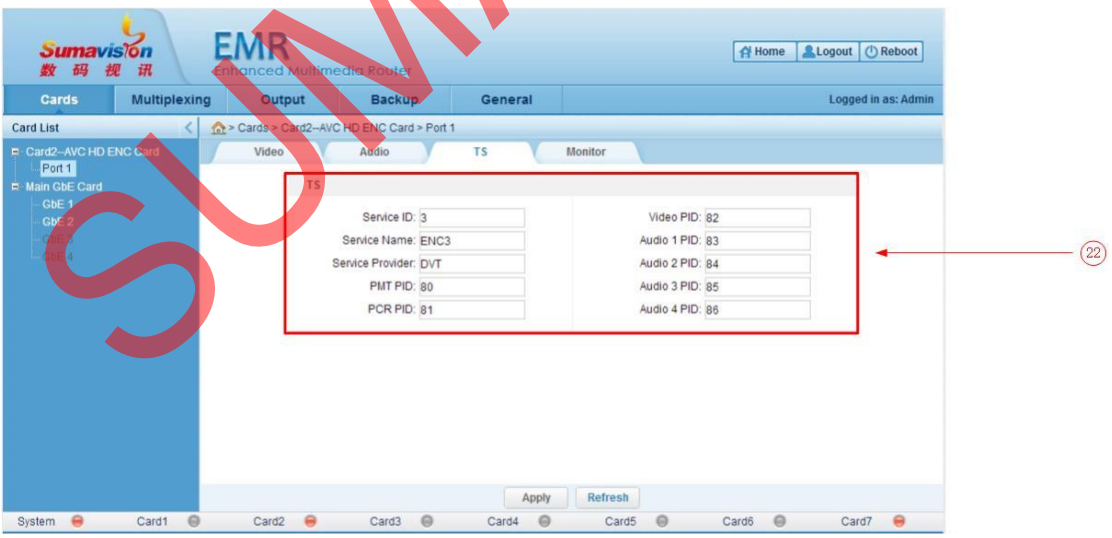



Step ⑲: Click **Audio**，all setting parameters of Audio are shown on this page;

Step ⑳: "Status "is the audio function option. It can set as encode， mode;

Step ㉑: Choose the needed audio mode;




Step ㉒: All TS information can be set here;



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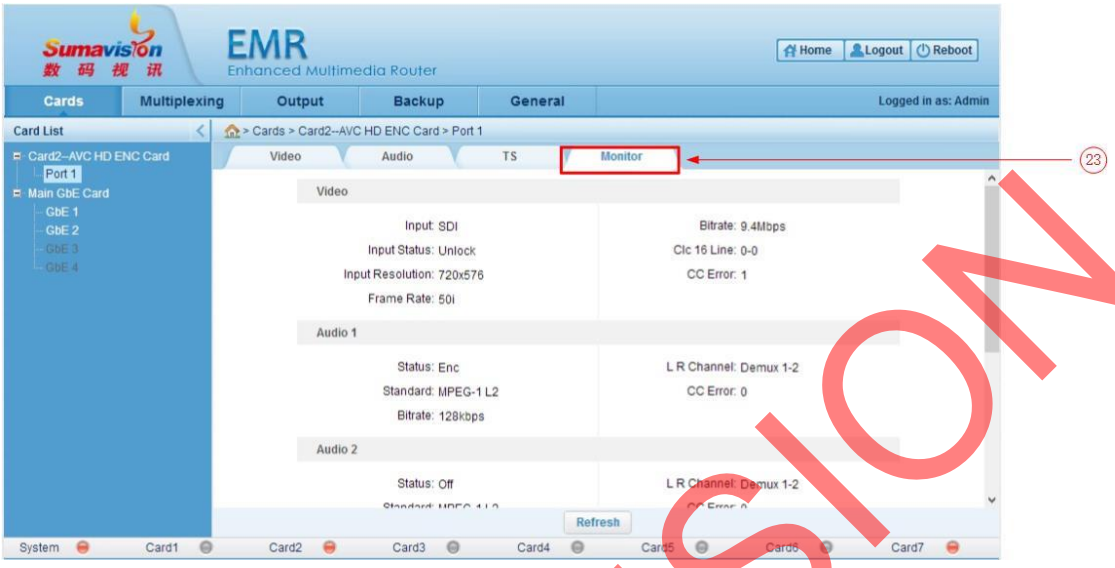
Here is about the service ID, service name and PID values set by user;




Step ㉓: Click **Monitor** to check all status of Video and Audios;



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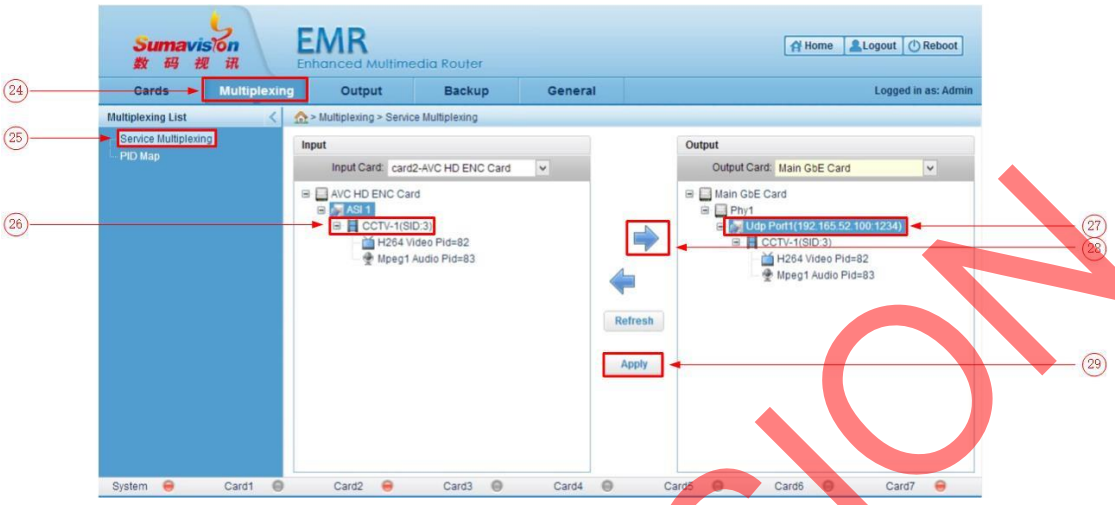
## 3，Program Multiplexing Configuration




Step ㉔: Click the **Multiplexing** button;

Step ㉕: Click **Service Multiplexing**;

Step ㉖: The program after encoding is shown under **ASI 1**;

Step ㉗: Choose an output port (for example Main GbE Card – Phy 1 – Udp Port1);

Step ㉘: Click ➡, program will be multiplex from H264 SD/HD encoding card port 1 to IP output;

Step ㉙: After that, click **Apply** to save.



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