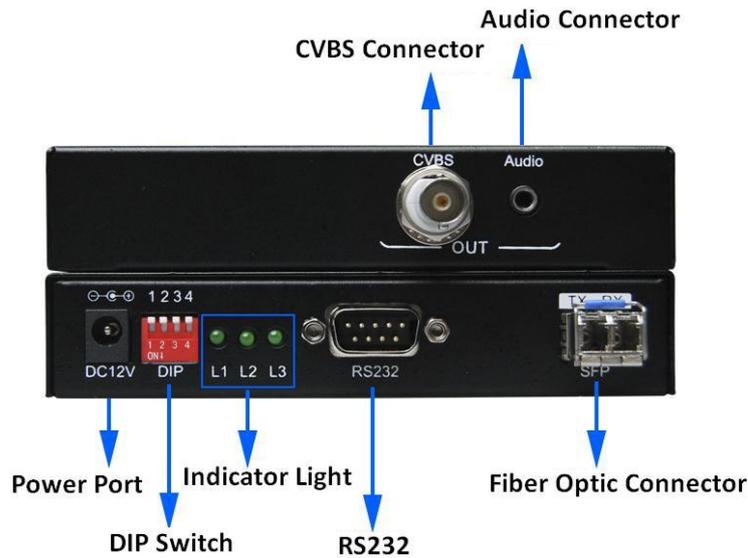


Fiber Optic Extender User Manual

Model: CV-F01-RX

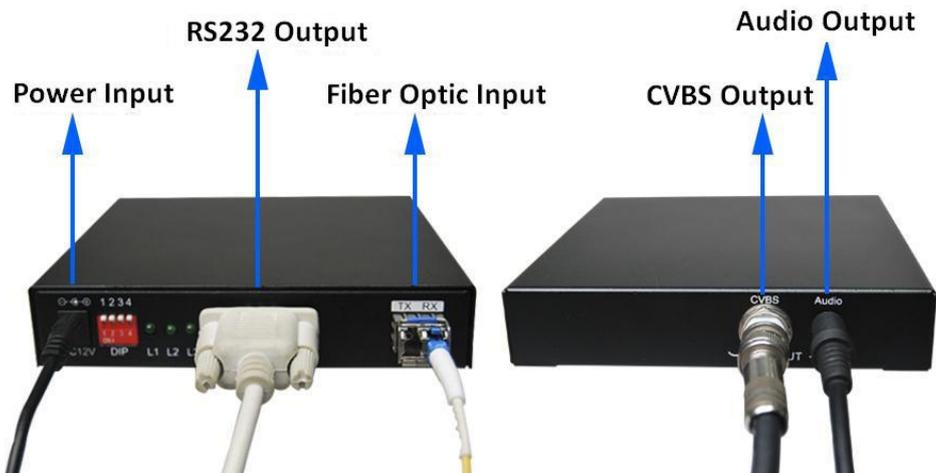
1. I/O Connectors

Figure 1 CV-F01-RX Fiber Optic Receiver I/O Connectors



2. Connection introduction

Figure 2 CV-F01-RX Fiber Optic Receiver Connection



Note: Please connect one single-mode optical fiber to the **RX** port in the fiber optic connector. CVBS and line audio can be output at the same time.

Dial up is “OFF”, the corresponding number is “1”; dial down is “ON”, the corresponding number is “0”. The DIP switch operating instructions as shown in Table 1.

Table 1 DIP switch operation instruction

DIP	Item	Description
Dial both switch 1 and switch 2	Function	To set CVBS output standard.
	Applying Condition	Before applying power to the CV-F01-RX or during the service of the item.
	Operation	The dialing combination of the DIP switch and the corresponding output standard as shown in table 2.
Dial both switch 3 and switch 4	Function	No Function. Both up and down is permitted.
	Applying Condition	—
	Operation	—

Table 2 Setting of DIP switch and the corresponding output standard

Output Standard	Dial Switch 1	Dial Switch 2	Corresponding Binary Code
NTSC-443	ON	ON	00
PAL_I	ON	OFF	01
NTSC_M	OFF	ON	10
PAL_D	OFF	OFF	11

3. Indicator Light

Table 3 Indicator light and signal state

Light State	L1 flash	L2 on/off	L3 on/off
Description	The CV-F01-RX works normally.	on: Fiber optic signal input off: No fiber optic signal input	on: PAL standard output off: NTSC standard output

4. Audio Output

The CV-F01-RX supports one analog audio output. Please note that audio can not be transmitted separately.

5. Serial Port Function

Contrast, brightness and saturability of image can be configured through the serial port.

6. Applying power

- First, please make sure that all the connection is fine.
- Second, make all the configuration completed according to your specific needs.
- Third, applying stable **12V/2A** power to both the transmitter and the receiver.

7. Parameter Setting

The CV-F01-RX is available in the setting of contrast, brightness and saturability through the configuration tool. The setting steps are as follows:

Step 1: Connect the CV-F01-RX to the control computer by using the DB9 pin RS232 female cross serial line with the item.

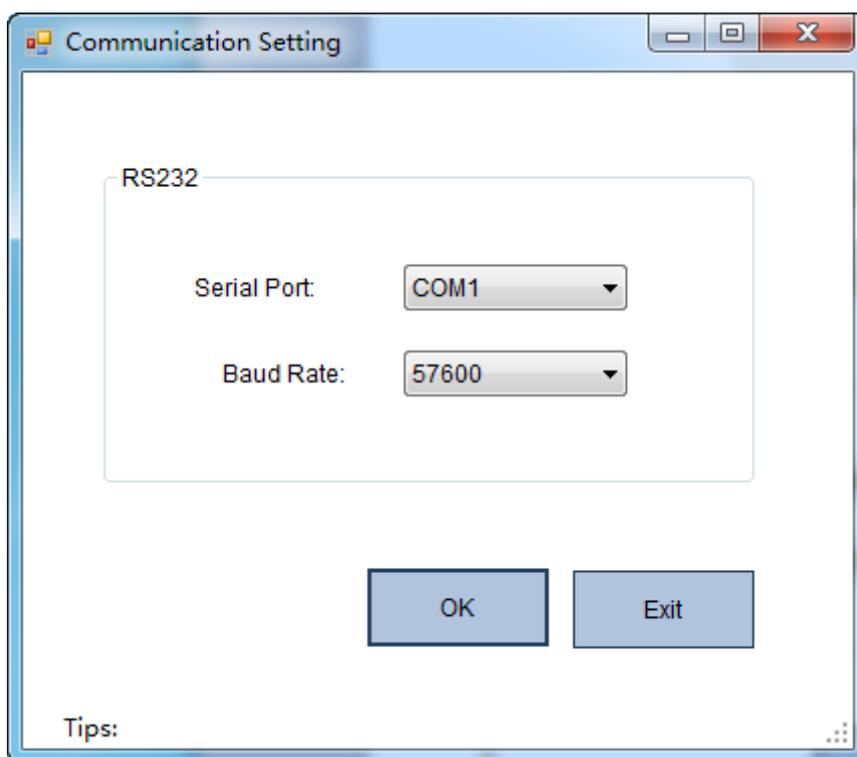
Step 2: Put the CD into the control computer and decompress the configuration tool folder that burned in the CD and install the tool. (You can also ask the technical specialist for the configuration tool folder.)



Step 3: Double clicking the configuration tool will enter into the

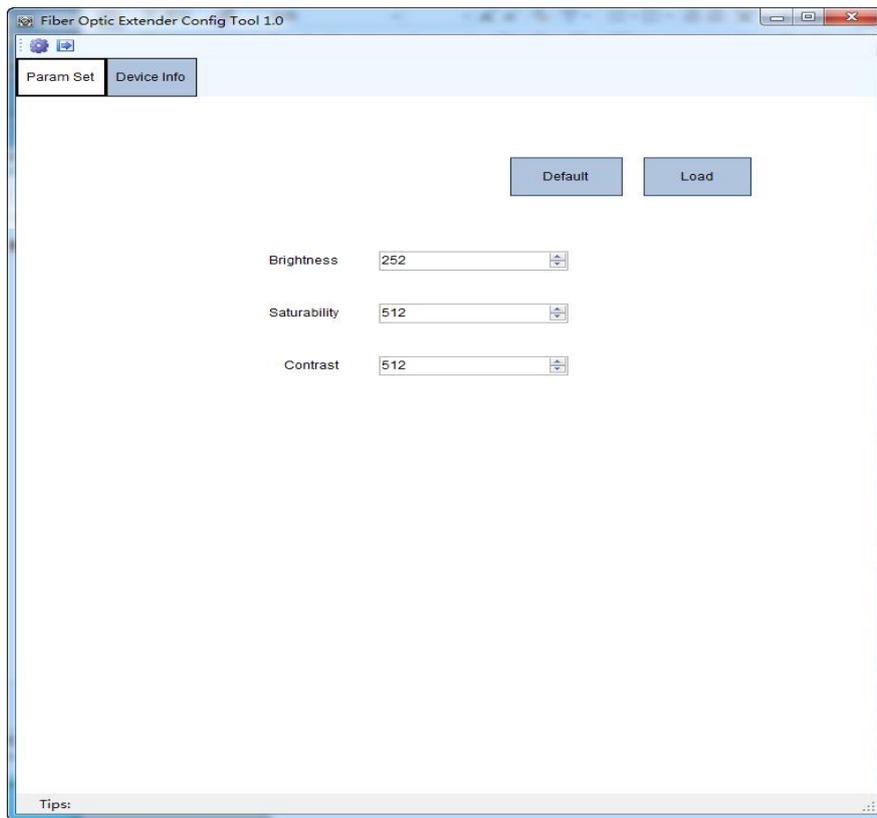
Communication Setting interface. Select serial port and baud rate as shown in figure 3. After that, click the **OK** button.

Figure 3 Communication setting interface



Step 4: Parameter setting interface will show up after click the **OK** button in step 3. Details as shown in figure 4. You can set the corresponding value of brightness, saturation and contrast according to the actual demand.

Figure 4 Parameter setting interface



Note: In addition to setting the transmitter resolution, you can also view the transmitter information. If you need to check the Current state, please click the “**Load**” button.