Quick Start Guide

SDI&DVI/HDMI/VGA Video decoder

01 - Packing list

Packing list
One decoder, one power supply (DC12V/1A), user manual, and product certification; DVI to HDMI adapter/DVI to VGA adapter (Optional Parts).

NOTE:
Due to product updating, packing list will be a little difference.

02 - Device interfaces

USB interface
Audio output
Power input
HD - SDI output
Audio input
LED Status
Reset/restore factory setting

This guide is suitable for single and multiple decoder.

03 - Device installation

Connect DVI display
Connecting DVI video output interface with DVI display via DVI cable.

Connect HDMI display
1. Using DVI to HDMI cable to connect DVI video output interface with HDMI display (recommended).
2. By DVI to HDMI adapter with HDMI cable to connect.

Connect VGA display
Using DVI to VGA adapter connected to DVI interface, then with VGA cable to display.

Connect SDI display
Using SDI cable to connect SDI output interface with SDI display.

Connect network
Connect one end of the network cable to the decoder Ethernet port. The other end is connected to the network switch or the computer's Ethernet port.

Connect power
Using the power adapter (DC12V/1A) connected to the device, after the power is turned on, the device starts working.

04 - Led indicators

After powered on, RUN and LINK are off. After device connected, RUN light is always on, device is working.

<table>
<thead>
<tr>
<th>Name</th>
<th>COLOR</th>
<th>STATUS</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>POWER</td>
<td></td>
<td>ON</td>
<td>Powered up</td>
</tr>
<tr>
<td></td>
<td></td>
<td>OFF</td>
<td>No power supplied</td>
</tr>
<tr>
<td>RUN</td>
<td>GREEN</td>
<td>ON</td>
<td>Device is working</td>
</tr>
<tr>
<td></td>
<td></td>
<td>OFF</td>
<td>Device starting up</td>
</tr>
<tr>
<td>LINK</td>
<td>GREEN</td>
<td>ON</td>
<td>Network connected</td>
</tr>
<tr>
<td></td>
<td></td>
<td>OFF</td>
<td>Device disconnected or starting up</td>
</tr>
</tbody>
</table>

05 - Login and network configuration

Default IP address
The default IP address is 192.168.1.168, subnet mask is 255.255.255.0
Normally, you don't need to modify this IP address.

Login the Web console
If login for the first time, please use Failsafe IP address.
You can access http://192.168.1.168, to login the web console.

The default Username admin Password admin

IP address configuration
After login, you can configure the IP according to the network, the IP will be use for pulling stream and device management. You can configure it to manually set the IP or DHCP.

Thank you for purchasing SDI/HDMI/VGA video decoder. Before installing our product, please read this start guide carefully. Please strictly follow our guide to install and use our decoder, or install and use under guiding by professional person, to protect your body safety and to avoid the decoder damage from physical and electrical. The decoder may be damaged if incorrect electrical connection or the physical installation, even threaten the operator safety.

This manual is used to help you to use the decoder easily, please contact the supplier for detailed documents or online help if necessary.
NOTE:

The device has two different output windows, which can output two different or same contents for SDI and DVI/HDMI/VGA. You only need to drag the added video source to the corresponding output window, then the decoder starts decoding.

Decoding mode settings
Users could choose to output SDI/DVI/HDMI/VGA (HDMI compatible with DVI mode) to one screen or multi-screen on Media. Multi-Decoder supports up to 4 CH. The maximum is four-screen. It supports H.264 decoding, up to 4 CH video decoding simultaneously (4 CH 1080p30 or 2 CH 1080p60 and below).

DVI/HDMI output settings
- (HDMI connection needs one DVI to HDMI adapter)
  Click HDMI (HDMI compatible with DVI) on either of the windows, the front dot then turns to green, which means the contents here will decode and output to DVI/HDMI interface.

SDI output settings
Click SDI on either of the windows, the front dot then turns to green, which means the contents here will decode and output to SDI interface.

VGA output settings
-(VGA connection needs one DVI to VGA adapter)
Click VGA on either of the windows, the front dot then turns to green, which means the contents here will decode and output to VGA interface.

NOTE:
One output interface can only be chosen in one output window, cannot output the contents of two windows to one interface simultaneously. If choose SDI and HDMI on one window at the same time, the two interfaces will output the same contents.

Video output setting
The device supports online firmware upgrading for upgrading software. Select “System Setup”, pull downward and click “Firmware”. On the page, click “Select File” to select the upgrading file, and click “Upgrade” to upgrade the firmware.

RTMP source configuration
Fill out video source address in URL field: rtmp://<pulling IP address> <session name>.

Example:
rtmp://192.168.3.12/live/myStream

Video source
Click “Add” on media interface, configure the relevant parameters on the dialog box, then click “Confirm”, one video source is added.

Restore factory setting
If users change parameters that lead decoder can't work (The typical situation is changed network address, so it can't be visited decoder by network), users could restore factory setting to default value.

Ways
Hold the “RESET” button more than 6 seconds, the device will restore factory settings.  Restoring factory setting will lead to the device 'cold' reboot, and the whole process will last about one minute.

NOTE:
- “Quick Reset” is only restoring configured decoding parameters, not changing default IP or other configured parameters.
- “Reboot”, is used for executing ‘warm reboot’. When “quick reset” couldn’t solve problems, please try “Reboot”. The whole process will last around one minute.
- Under some circumstances, reboot may be with the help of ‘cold’ reboot: power down then power up the device.

Quick Reset and Reboot

Firmware upgrading