

## TBS2605 HDMI Encoder Set Up Port Forwarding

Some customer is asking how to map the port to Internet for the webUI remote control or how to do a streaming to Internet.

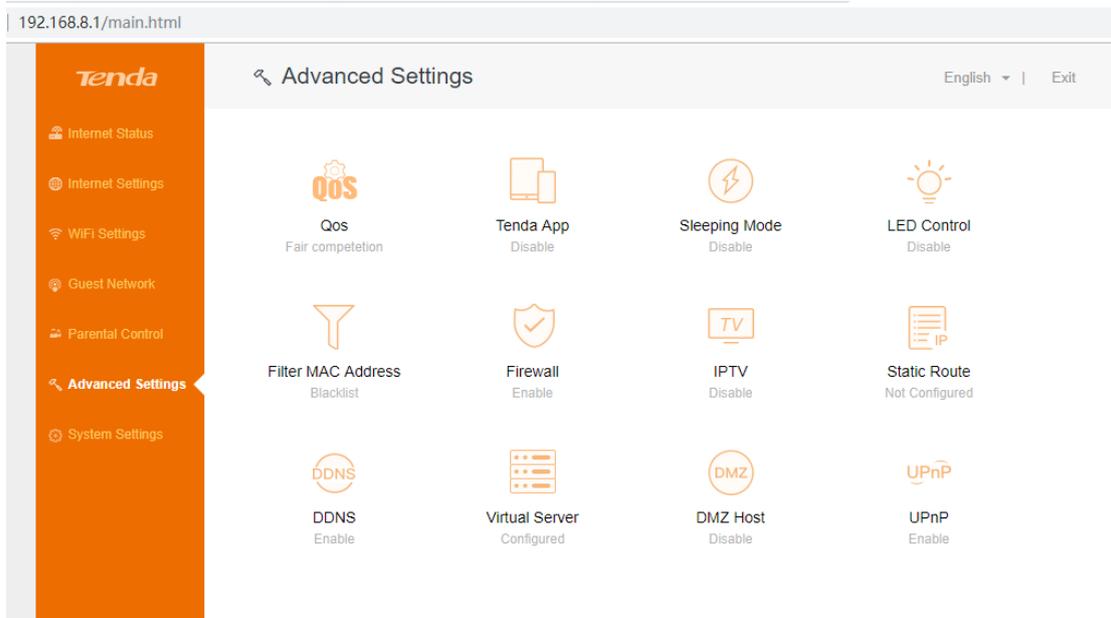
For example, now your Encoder TBS2605 is in local, a subordinate device of the Router. In this case, Encoder can't communicate with the external world, we have to do some settings with the Router to map the port.

Different Routers, maybe the configure page has a small difference. But I think most of them support "port forwarding" setting.

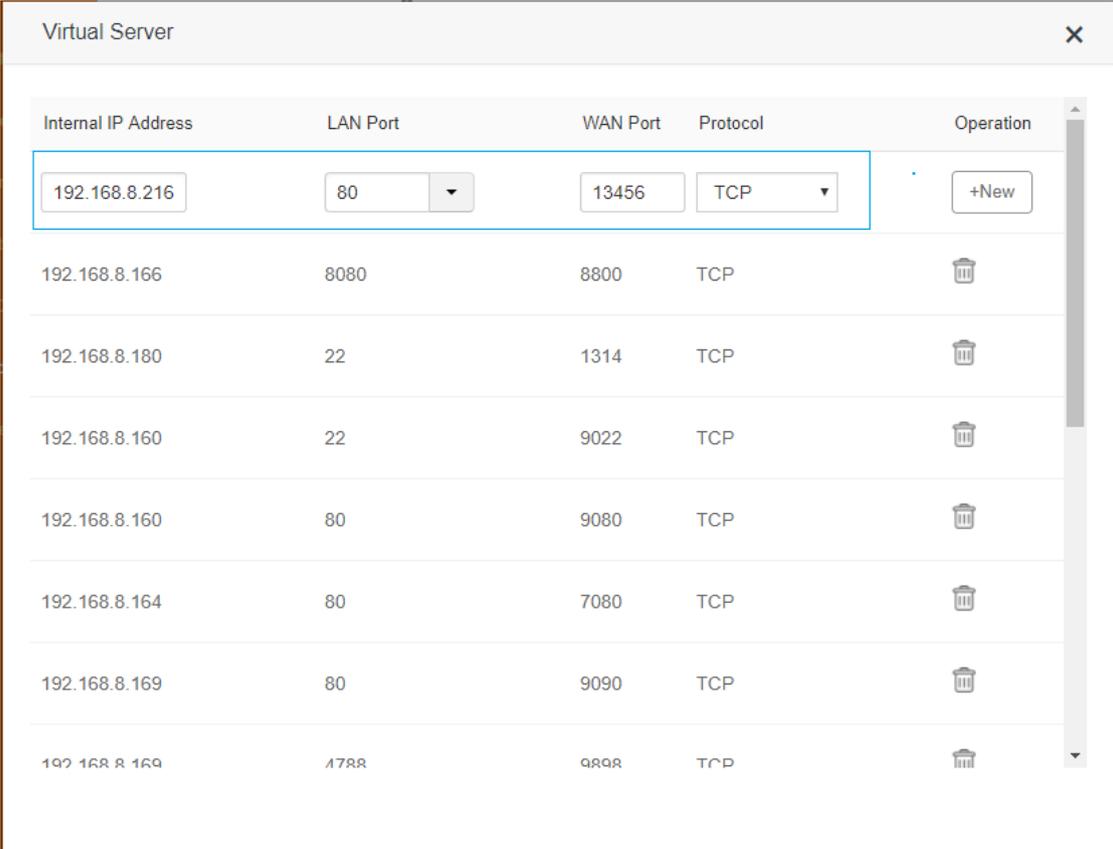
Now, let's take "Tenda" Router as an example to show you how to configure the "port forwarding".

For Encoder TBS2605, there're 2 ports need to map at the same time. The one is web port (the default is 80), and the other is RPC port 6001.

### 1. Login



2. Go to “Advanced Settings”-----“Virtual Server”:



The screenshot shows a window titled "Virtual Server" with a close button (X) in the top right corner. Below the title bar is a table with the following columns: "Internal IP Address", "LAN Port", "WAN Port", "Protocol", and "Operation". The first row is highlighted with a blue border and contains the following values: Internal IP Address: 192.168.8.216, LAN Port: 80 (with a dropdown arrow), WAN Port: 13456, Protocol: TCP (with a dropdown arrow), and Operation: +New. The subsequent rows contain existing entries with trash icons in the Operation column. The table is scrollable, as indicated by a vertical scrollbar on the right side.

Internal IP Address	LAN Port	WAN Port	Protocol	Operation
192.168.8.216	80	13456	TCP	+New
192.168.8.166	8080	8800	TCP	
192.168.8.180	22	1314	TCP	
192.168.8.160	22	9022	TCP	
192.168.8.160	80	9080	TCP	
192.168.8.164	80	7080	TCP	
192.168.8.169	80	9090	TCP	
192.168.8.169	4788	9898	TCP	

Internal IP: Encoder IP

LAN port: also known as Internal port, it's your Encoder webUI port "80";

WAN Port: external port, the range 1-65535, except some special ports like "22", "23", "80";

Protocol: TCP, UDP, TCP&UDP;

Normally, LAN port and WAN port, you can set to same one, but for security, you'd better to a different one.

Besides, RPC port "6001" also need to map out. If RPC port didn't map out, you can't get the entire webUI content, like CPU, RAM, Temperature Status, and also Preview:

Virtual Server				
192.168.8.177	80	2315	TCP	
192.168.8.177	4536	6354	TCP	
192.168.8.175	22	6022	TCP	
192.168.8.175	80	6080	TCP	
192.168.8.170	80	5080	TCP	
192.168.8.170	22	5022	TCP	
192.168.8.216	80	13456	TCP	
192.168.8.216	6001	6001	TCP	

RPC port "6001" is preset in the code, user can't change it to another. So please make sure port "6001" is private for RPC. Others can't set to "6001". Please note.

Now you can remote visit the Encoder webUI in anywhere:

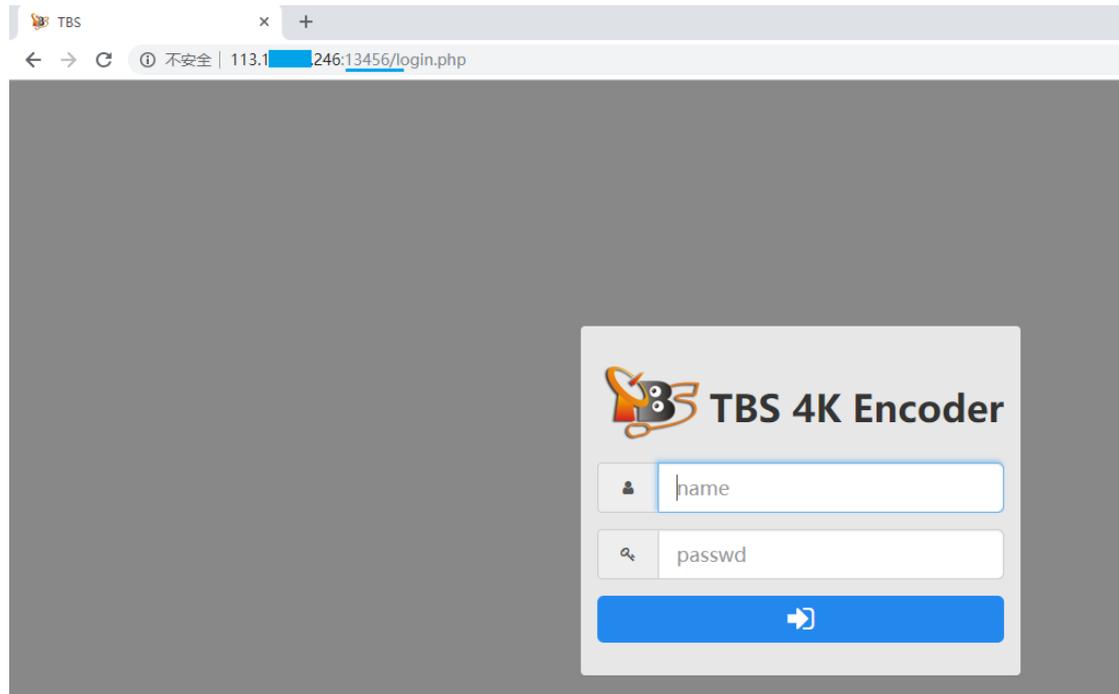
Router Ip + WAN port:

Router IP you can check here:

The screenshot shows the Tenda web interface for 'Internet Status'. On the left is a navigation menu with options: Internet Status, Internet Settings, WiFi Settings, Guest Network, Parental Control, Advanced Settings, and System Settings. The main content area displays a network diagram with 'Internet' (globe icon), 'Router' (router icon), and 'WiFi Extender' (WiFi icon). Above the WiFi icon, it says '2.4 GHz: Disable' and '5 GHz: 610-5'. Below the diagram, three status boxes are shown: 'Current Speed' (↑ 112.9KB/s | ↓ 666.6KB/s), 'WAN IP Address' (116.30...2), and 'Firmware Version' (V15.03.2.21\_cn).

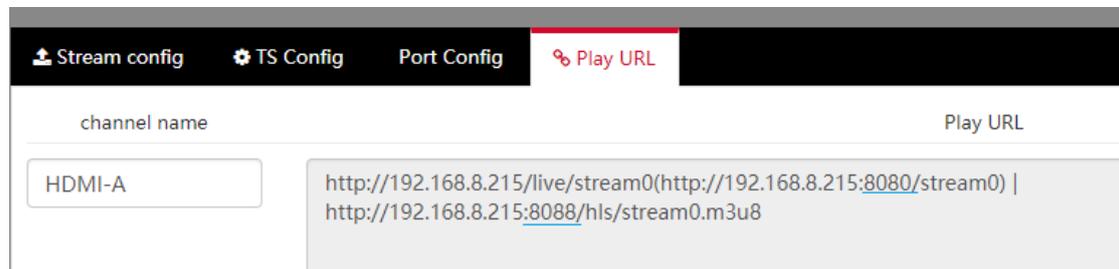
New login:

116.30.19x.xxx:13456



### TS port forward

Another port like ts/strem port like HTTP, HLS is same method to “forward”. For example,



HTTP port “8080”, HLS port “8088”, you can also map them in a same way, the external URL should be:

<http://Router> IP:wan port/live/stream0

<http://Router> IP:wan port/hls/stream0.m3u8

http:// **113.116.xxx.39:15469**/live/stream0(http://192.168.8.215:8080/stream0)

http:// **113.116.xxx.39:15537**/hls/stream0.m3u8

Any question about the “Port Forwarding” set up, please write to us:

support@tbsdtv.com