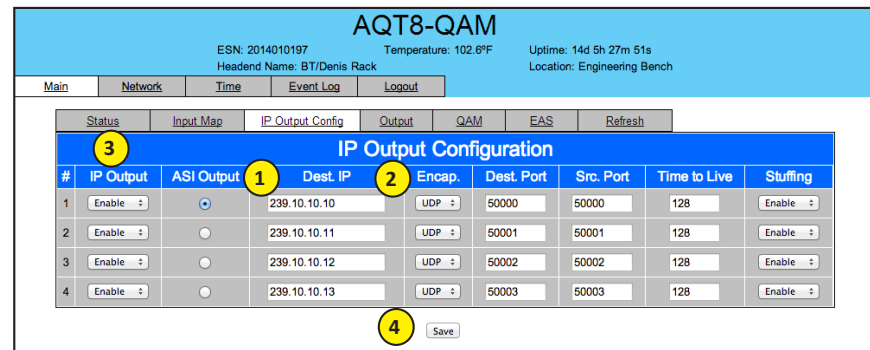


STEP 7 - Configure IP Output

The IP output programs are exactly the same as input programs. No input selection is allowed in this model. Go to the IP Output Config page:

- 1 Configure the IP address/port for each output stream. Coordinate with the IT System Administrator for required IP addresses.
- 2 Select the encapsulation RTP/UDP based on the receiving unit's capabilities.
- 3 Enable the IP Output.
- 4 Click Save.



STEP 8 - Perform channel scan on TV

Perform channel scan on TV. (CATV Digital - standard).

Confirm channel output on TV. Note the that TV will display the virtual channel numbers as set by the content provider and not those set in step 6.

STEP 9 - Confirm Streaming Programs

Open the media player (VLC or equiv.). Enter IP addresses as as assigned in Step 7 and confirm programs are being streamed.

RELEASE NOTE:

AQT8-QAM product stock #6288
 Software version 1.0.3
 CPU version 1.2
 MUX version 1.3

Please be aware of an uncommon, but known, software issue for the version number indicated above. The software issue is this: on the **Status** screen **The Input Status, TS Rate(Mbps)** and **Actual Data Rate (Mbps)** may display **0.0** and **0.0** for each. (See image on the right.)

As a result, the corresponding information for **IP Output 6 - 192.168.253.5:50005** will read **No PMTs Found**. (See second image at the right.)

This issue is a false positive display error on the status page only, and does NOT have any impact on the operation of the inputs or outputs of the AQT8-QAM.

Despite the display error, all the actual inputs and outputs are working properly on the AQT8-QAM. If you encounter this display error, please contact Blonder Tongue tech support.

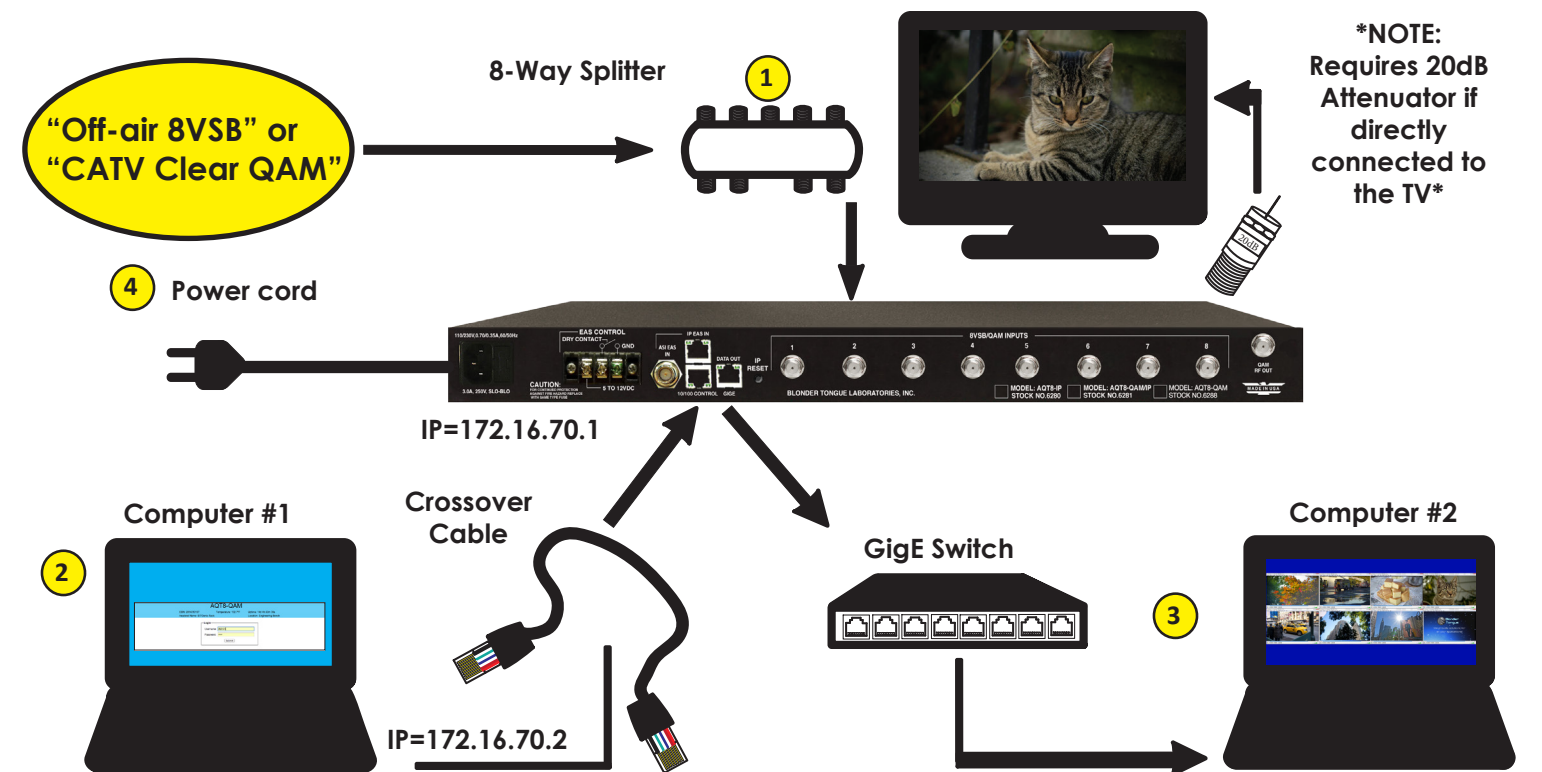
Input Status					Output Status	
Input	SNR	RF Chan	TS Rate (Mbps)	Actual Data Rate (Mbps)	RF Chan	Status
1	28.3	8 / 183MHz	19.4	16.1	2 / On	Locked
2	26.3	12 / 207MHz	19.4	18.7	3 / On	
3	29.4	6 / 85MHz	19.4	17.2	4 / On	
4	26.5	33 / 587MHz	19.4	14.8	5 / On	
5	27.1	57 / 731MHz	19.4	18.5	7 / On	Locked
6	26.1	49 / 683MHz	0.0	0.0	8 / On	
7	24.6	41 / 635MHz	19.4	17.1	9 / On	
8	25.9	65 / 779MHz	19.4	16.6	10 / On	

IP Output 6 - 192.168.253.5:50005					
Input Number	Input Prog. #	Virtual Prog. #	Short Name	Selected Rate (Mbps)	Utilized/Allowed Rate (Mbps)
No PMTs Found					

AQT8 QAM QUICK GUIDE

STEP 1 - Connect Inputs

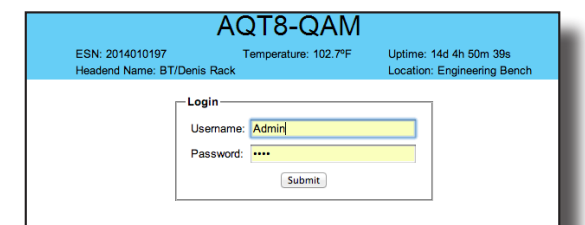
- 1 Up to 8 terrestrial or clear QAM inputs via an 8-Way Splitter are connected to the 8VSB/QAM Inputs.
- 2 Connect computer #1 with a web browser to the 10/100 CONTROL port directly using the supplied cross-over cable.
- 3 If IP steaming is desired, then connect computer #2 with an installed media player (VLC player or equivalent) through a GigE switch and then to the Data Out port on the unit.
- 4 Connect the power cord to the AQT8.



STEP 2 - Login

- Assign 172.16.70.2 as the static IP address for computer #1.
- Enter 172.16.70.1 into your Browser to access the AQT8.
- Logon with Username: Admin and the password is "pass".

NOTE: 172.16.70.1 is the default IP adress for AQT8 Series.



STEP 3 - Select Inputs

Go to the Input Map page:

- 1 Select Edit at the top of the IP Output – Input table.
- 2 Change the input selection pull down to ALL.
- 3 Select Modulation mode. Default is 8VSB. For clear-QAM inputs select “Auto QAM”.
- 4 Select desired channel input frequency.
- 5 Repeat mode and input settings for all inputs.
- 6 Press Save.

STEP 5 - Check SNR

Go to the Status page:

- 1 22 dB SNR for 8VSB; >33 dB for QAM 256 (Increase the RF input level as required to achieve the desired SNR).

Input	SNR	RF Chan.	TS Rate (Mbps)	Actual Data Rate (Mbps)	RF Chan.	Status
1	27.2	33 / 587MHz	19.4	18.5	50 / On	Locked
2	22.1	28 / 557MHz	19.4	17.2	51 / On	
3	21.3	44 / 653MHz	19.4	16.1	52 / On	
4	24.0	7 / 177MHz	19.4	18.7	53 / On	
5	16.1	11 / 201MHz	19.4	18.1	54 / On	
6	16.9	13 / 213MHz	19.4	18.4	55 / On	
7	23.7	24 / 533MHz	19.4	17.5	56 / On	
8	25.3	31 / 575MHz	19.4	17.6	57 / On	

STEP 6 - Configure QAM Output

Go to QAM page to setup output channels:

- 1 Select the 1st channel for each set of QAM outputs.
- 2 Ensure all outputs are enabled and CW mode is not selected.
- 3 Press Save.

STEP 4 - Verify Inputs are locked

Verify the front panel LED lights are green for each input.

