DTV-R3000   8VSB to DVB-ASI DEMODULATOR WITH FAULT RELAY

QUICK START GUIDE

Ventilation required, leave 1 vertical RU space if stacking.

a) Connect an RF input to the "RF IN" F connector
b) Connect a BNC cable to the "ASI-OUT" connector, and route to the DVB-ASI input on your device
c) Connect the supplied power supply and plug the power supply to an AC outlet
d) Tune the RF channel to be demodulated on the front panel, (Actual RF channel "NOT" virtual channel), once the tuner lock led lights, the DVB-ASI signal will be routed to the ASI OUT connector

COMMUNICATING WITH THE DEVICE

a) The **DTV-R3000** is shipped with DHCP enabled. When the unit is first powered up, and if a DHCP server is not found on the network, then the unit will **default to the IP address [192.168.0.1], subnet [255.255.252.0], gateway [X.X.X.X] and DNS [X.X.X.X].**

Connecting a network cable with a DHCP server and power cycling the DTV-R3000 again, will enable DHCP and the unit will set the IP address to the next available DHCP IP address it is given.

b) A static IP address can be set using a serial connection. (See back page)

SERIAL PORT SETTINGS:

Serial Port Baud Rate-   115,200
Number of Bits -   8
Parity -   NO
Stop Bit-   1
Hardware Flow Control - None

A terminal program such as Tera Term (https://ttssh2.osdn.jp/) or PuTTY (https://www.chiark.greenend.org.uk/~sgtatham/putty) can be utilized to communicate with the DTV-R3000.

a) Connect the serial cable to a computer that is running a terminal program and hit RETURN to see a **DTV_R3000>** prompt

b) Type the command **IPSETUP** and follow instructions on entering a valid IP address, subnet mask, gateway, and DNS addresses

c) Power cycle the unit to get the IP SETUP to take effect. The unit is now ready for web interface

d) Type the IP address you entered, into a web browser and hit RETURN or the ENTER key

 e) Username is "*admin*" password is "Dtvx" (case sensitive). To return to DHCP mode. Enter the IP address of 0.0.0.0 in the IPSETUP configuration through the serial interface or on the "ABOUT" web page and power cycle the unit

f) Attach an Ethernet cable to the unit and power cycle again to obtain a DHCP IP address. The IP address can be seen on the serial port boot up screen or by typing "***ipconfig***" at the **DTV_R3000>** prompt through the serial connection

g) Typing "Help" at the **DTV-R3000** prompt in the terminal program, will display a list of available command prompts