



# DVB Monitor v2 Quick Start

## 1. Unpacking

Check that all these accessories are present:

- 1 power supply cable
- 1 straight ethernet cable
- 1 quick start notice

## 2. Connecting to the embedded Web site



1. Connect the Ethernet cable between the RJ45 and the network..
2. Default IP: **192.168.2.3 (admin/admin)**

**NOTE:** Your computer should be in the same network.

3. Open a Web browser (Internet Explorer, Mozilla...) and enter the device IP address. Login with the default username and password

(**admin/admin**). The home page of the embedded web site is displayed:



## 3. Configuring the DVB settings

- On the embedded web site home page, click “**Config > Configuration**”:

The screenshot shows the 'RF Configuration' page with the following details:

- Mode: DVB-C
- Frequency: 615 MHz
- Mode: **STREAMING** (selected), MONITORING
- Mode: DVB-C 615 MHz IN:A SR:6900 128QAM
- LEVEL: 53 dBµV (0 dBµV to 100 dBµV scale)
- CNR: 32.6 dB (0 dB to 45.0 dB scale)
- MER: 36.5 dB (0 dB to 45.0 dB scale)
- BER: <1.0E-7 (1.0E-1 to 1.0E-7 scale)
- TS Rate: 44.3 Mbps (0 Mbps to 60.0 Mbps scale)
- Streaming: **RTSP - OFF**
- Channels: bTV, CITY TV, BNT1, Diema, Nova TV, Nova Sport

- Set the mode Scanning/Monitoring mode, tuner mode and frequency
  - a. For streaming, STREAMING should be ON
  - b. For monitoring, and alarms MONITORING should be ON
- In the “**Config > General**” tab set various settings for the reception, for example, input channel A or B.
- Click the “**Save**” button to lock in your changes.

## 4. Look at current DVB status for RF parameters

- On the embedded web site go to “**Status > Status**”. If everything is OK the Demodulator should be locked as in the picture below

The screenshot displays the 'Status' page for a DVB-C 615 MHz signal. The signal is locked, as indicated by the 'LOCK' button in the top right. The parameters shown are:

- LEVEL:** 53 dB $\mu$ V (0 dB $\mu$ V to 100 dB $\mu$ V scale)
- CNR:** 32.7 dB (0 dB to 45.0 dB scale)
- MER:** 36.1 dB (0 dB to 45.0 dB scale)
- BER:** <1.0E-7 (1.0E-1 to 1.0E-7 scale)
- TS Rate:** 44.3 Mbps (0 Mbps to 60.0 Mbps scale)

Additional controls include a 'Streaming' section with 'RTSP - OFF' and a 'Channels' section listing bTV, CITY TV, BNT1, Diema, Nova TV, and Nova Sport.

## 5. Configure the IP Stream

- On the embedded web site go to “**Config > Stream**”
- Select the Stream protocol
- Select the Service
- Select the destination address

The screenshot shows the 'Stream Configuration' page. The 'Stream' tab is selected, and the 'MPTS Configuration' section is visible. The configuration is as follows:

- Protocol:** UDP (selected), OFF, RTP, RTSP, HTTP
- Mode:** MPTS - Multi Program Transport Stream (selected), SPTS - Single Program Transport Stream
- MPTS Configuration:**
  - Source:** DVB-C 615 MHz
  - Destination:** 233.0.0.1:5401

Below the configuration, the 'Streaming' section shows 'UDP - MPTS' selected. The 'DVB-C 615 MHz' section shows the destination address '233.0.0.1:5401'. The 'Bitrate' is 44.3 Mbps. The 'Channels' section lists bTV, CITY TV, BNT1, Diema, Nova TV, and Nova Sport.

*Please check the user manual for more information on how to communicate with your device and how to configure it.*