



# DVB Monitor – DVB-C, DVB-T/H and Analog TV Remote 24/7 Monitoring

## DVB Monitor - Kvarita

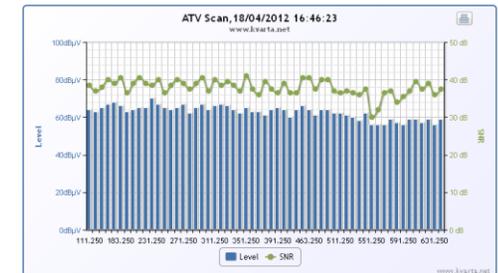
Kvarita is widely considered a reliable producer of radio and TV equipment. The DVB Monitor is specially built for CATV networks and DVB-T broadcasters that want to provide their clients with quality service round the clock.

Kvarita's **DVB Monitor** is a powerful and professional yet affordable solution for standalone DVB-T, DVB-H and DVB-C and Analogue TV monitoring at the transmitter site or within the coverage area. Through RF inputs, the unit sequentially monitors a set list of channels and continuously ensures that your DVB network meets both the legal requirements and your expectations.

With its Ethernet interface, the DVB Monitor can be controlled remotely using the user-friendly embedded web site or an SNMP-Based network management system. The DVB Monitor offers innovative functions such as multi-channel monitoring (up to 240 channels per receiver), automatic scanning and remote control.

## Scanning the band

The DVB Monitor can scan the DVB-C, DVB-T and analog TV band for about one or two minutes. The measured results are represented in charts on the embedded web server. Without any special software you just enter the IP of the device in your web browser and you can see all channels in your network.



## FEATURES

- Remote 24/7 monitoring – DVB-C , DVB-T/H and Analog TV Broadcasts
- MPEG Monitoring – SDT, NIT, PMT, TOT, TDT, CAT
- PID Alarms – monitoring digital audio and video channels
- Embedded web server for easy configuration and control
- E-mail notifications
- SNMP, Alarms and Log
- MER, BER, VBER, CBER, C/N, SNR, Level

## APPLICATIONS:

The DVB Monitor can be used:

- to monitor Analog and DVB-C CATV headend for bad signal or carrier loss
- to monitor remote points of your CATV network
- to monitor DVB-T broadcasts in remote areas
- by regulation authorities to monitor the broadcasted channels

## BENEFITS

- Easy to set up and configure. No software required. Just enter the web site of the device.
- E-mail alarms for timely support
- Logging alarm messages with accurate time
- SNMP configuration and control for large CATV or DVB-T broadcast networks
- Future proof - firmware upgradable
- Supports ITU-J83 annexes A & C, including DVB-C
- The best price on the market

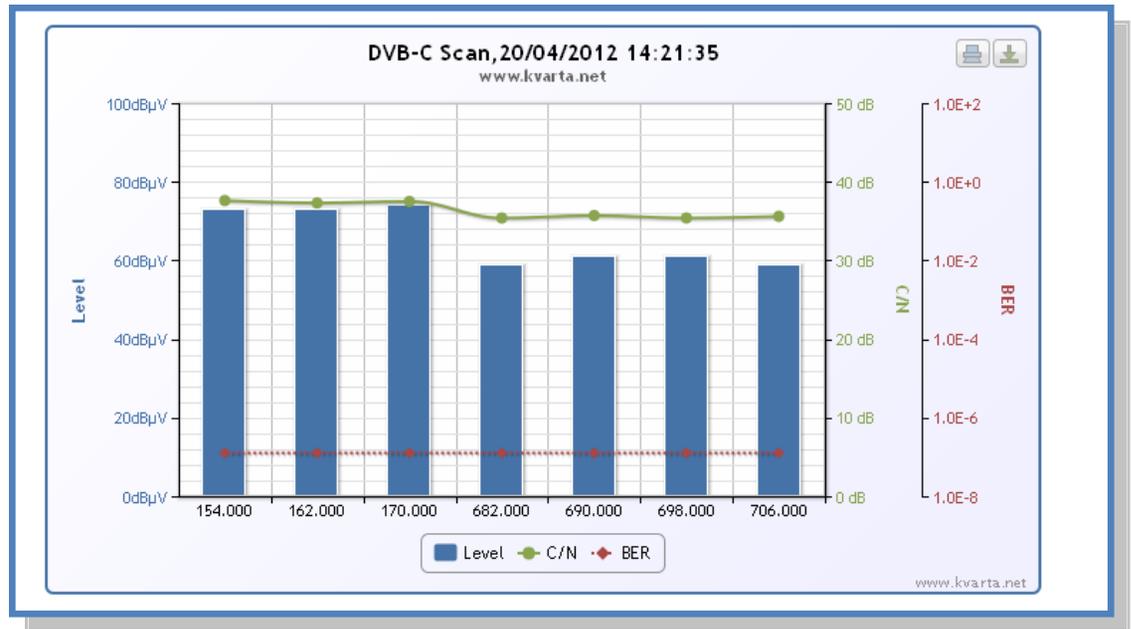
## MPEG Monitoring

The DVB Monitor is able to decode and monitor the MPEG transport stream (PAT, PMT, NIT, SDT, CAT, TDT, and TOT). You can set alarms for missing audio/video streams. The device also measures the most popular parameters of digital and analog video signals at an exceptional Price/Quality ratio.

The DVB Monitor can be connected to SNMP server for automated remote configuration and monitoring of multiple devices.

Provided with a quick-start guide, the device is easy to install and has a user-friendly website.

The DVB Monitor is future proof as it supports remote firmware upgrades to add all the new functionality required.



DVB Monitor – Scans results for DVB-C showing level, carrier to noise ratio (C/N) and bit error rate (BER)

## Monitoring features

- PID alarms for missing audio or video streams
- Configurable alarms for:
  - Carriers count
  - Scan timeout
  - Low level
  - High level
  - Low SNR (analog TV)
  - High BER (DVB-C)
  - Low C/N (DVB-C, DVB-T)
  - High VBER (DVB-T)
  - High CBER (DVB-T)
  - MER (DVB-C, DVB-T)
- E-mail alarm notifications
- SNMP traps for the alarms
- Log events with accurate local time

## Why monitoring your DVB broadcast?

If you want to ensure best quality service for your clients and receive e-mails or SNMP notification upon any problem in your network, this is your solution.

Why waiting for customers to complain?

Install one DVB Monitor and you will have an e-mail in your mailbox, before your clients have even spotted the missing channel.

## Reliability

The DVB Monitor unit is the most affordable and reliable device for monitoring many DVB-C, DVB-T or analog TV channels at the same time. The device is produced to monitor signal parameters round the clock 24/7.

All of our devices have micro SD cards and retain their configuration in case of power outages. Every parameter is controlled through the embedded web site or the SNMP interface.

