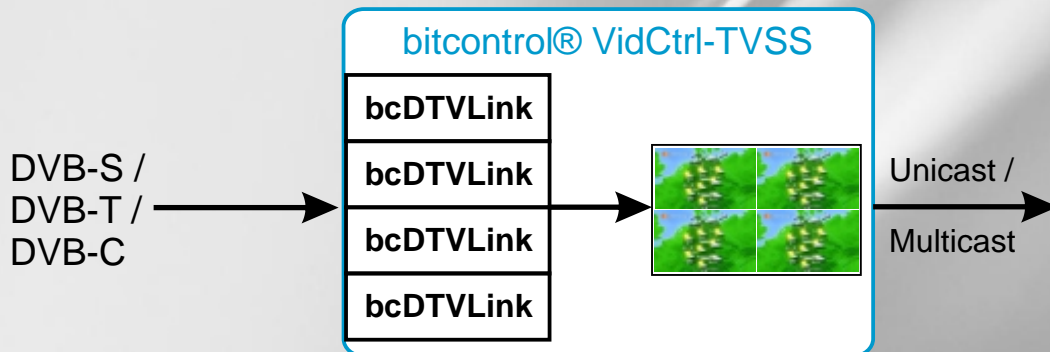


bitcontrol® VidCtrl-TVSS

TV reception and streaming



Function

The bitcontrol® VidCtrl TV Streaming Server supports several runtime modes for video configuration and allows for a flexible and perfect adaptation to local hard and software limits. For instance, an external configuration allows distribution of running video streams over all the cores of multi-core CPUs,

making optimal use of system resources.

The internal process watchdog allows for high reliability and safety even in usage scenarios where no operator is present. Individual configurations can be watched in order to ensure uninterrupted video signal. The process watchdog automatically detects loss of video signal and tries to fix the problem. Potentially crashed external configurations (e.g. due to loss of video signal or system failure) can be automatically restarted and connected to the last known source. System analysis and error recovery are easy due to continuous and consistent logging.

Depending on the stage of expansion the bitcontrol® VidCtrl TV Streaming Server (bcVidCtrlTVSS) is able to receive and stream up to 4 digital TV streams (DVB-T, DVB-S or DVB-C) via the same user interface. So several application possibilities are realisable, e.g.:

- Allocation of different TV streams for display on various devices (e.g. PC monitor, big screens, etc.)
- Integration of TV in user interfaces
- Optional: TV data storage for later editing
- And many more

Controlling, administration, parameterisation and monitoring of the DVB-T, DVB-S or DVB-C TV streams are realised by a superior Configuration Unit or by the dynamic web interface of the bitcontrol® VidCtrl-TVSS.

Via these interfaces other functions are possible, like to turn the TV recording on or off.

Web interface

Via the dynamic web interface of the bitcontrol® VidCtrl TV Streaming Server a simple and efficient way of configuration and administration of video streams is realised. The interface is adapted for targeting the bitcontrol® Digital TV Link. It is possible to configure the application from all over the world.

The interface allows the creation and controlling of different bitcontrol® Digital TV Link instances and exposes all functionality of bitcontrol® Digital TV Link within the web interface.

Different user levels allow a simple and efficient distribution of rights.



Picture: bitcontrol® VidCtrl-TVSS in 1HE and 2HE

A complete device is available as bitcontrol® VidCtrl-TVSS.

The bitcontrol® VidCtrl-TVSS case is a 19" slot in 1 HE alternatively 2 HE.