

### Standard Features:

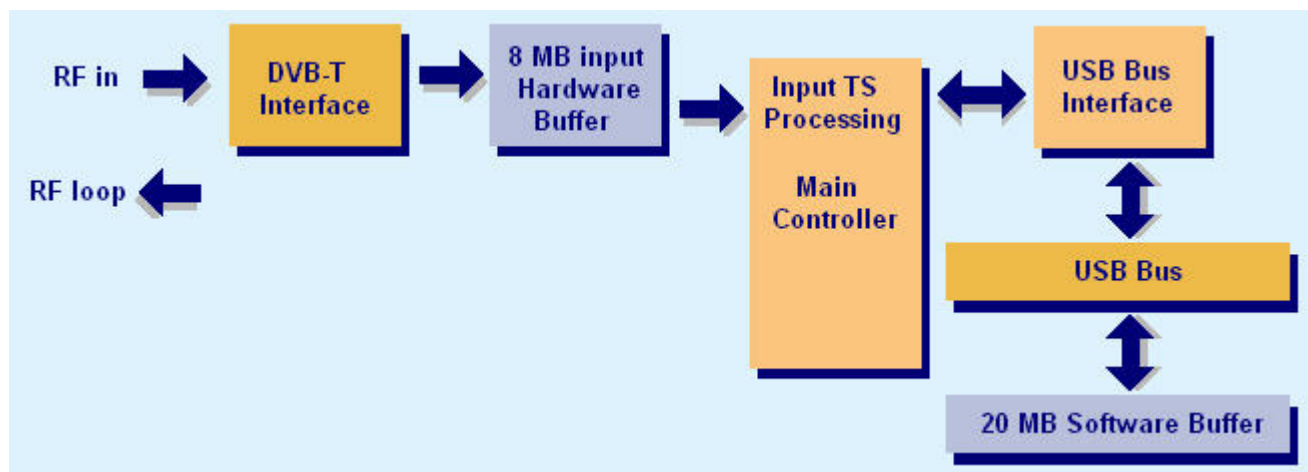
- DVB-T Input Device.
- High Speed USB 2.0
- Windows 2000 & XP Drivers and BDA / Direct Show Drivers & API.
- Accompanied by DVStation2 Alitrionika's Application Software.

### Input

- DVB-T Compliant COFDM Reception.
- Input Frequency Range:
  - UHF: 470 MHz to 862 MHz.
  - VHF: 174 MHz to 230 MHz.
- Modulation Modes: QPSK, 16QAM, 64QAM.
- COFDM Spectrum: DVB-T and DTG compliant.
- Supports 188, 204 Transport Packet Sizes.



### Block Diagram:



# AT8USB

## *DVB-T Receiver & TS Recorder*

---

### **Applications:**

Targeted for Digital Video Professionals, Sophisticated End Users and OEMs  
The AT8USB is an ideal solution for a number of applications such as:

- Development Tools.
- DVB to IP Gateway.
- MPEG-II Transport Stream Recording, Monitoring & Processing.
- Software Based MPEGII Decoders.

### **Specifications:**

- On Board Buffer: 8 Mbytes
- RF Tuner Connector: 75 Ohms IEC female Type
- Loop Through Connector: 75 Ohms IEC male Type.
- Input Frequency Range:
- UHF: 470 MHz to 862 MHz.
- VHF: 174 MHz to 230 MHz.
- Channel Bandwidth: 6, 7 & 8 MHz.
- Channel Assignment: C.C.I.R Channel and +/- 166.666KHz offset.
- COFDM Spectrum: 2k and 8k carriers non-hierarchical and hierarchical.
- Standards: DVB-T and DTG compliant.
- Modulation Modes: QPSK, 16QAM and 64QAM.
- Guard Interval Modes: 1/32, 1/16, 1/8 and 1/4 active symbol duration.



*Connections to AT8USB*