

IBX-620 STB Software Download Server



Featuring

The IBX-620 receiver device (STB) system software update download server (DBC) is a powerful and easy to use playout server, loading and injecting system software updates for Set Top Boxes (STB).

Supported standards: EN 301192 DVB-SSU TS102 006, including Update Notification Table (UNT) EuroLoader 1.02b Supports Nordic basic and unified standard Supports UK object carousel based DTG D.Book spec Supports raw TS (trp)	Flexible play-out rate control Fixed or variable net output bit rate Maintains download consistency and information integrity Running on a powerful server architecture Context sensitive help Graphical table editor (GUI) Injects the resulting stream into a DVB multiplexer
Simultaneous multi-standard play-out	Full 32 Transport stream support via table PID remapping
Multi vendor support	For all kind of operators (cable, satellite, terrestrial, etc.)
Real time PSI/SI update	Powerful and user friendly
Multiple transport stream table generation over ASI or IP	Client / server architecture with central database and single or multiple terminals
Includes standard and private descriptors	Scalable and configurable

Optionally the unit can be combined with other IBX 6xx products on a single platform (e.g. DVB SI generator).
Customer specific versions e.g. for EPG generation, for SI-backup (if from other source), DVB running status control, etc.
A powerful IBX-6xx C programming language API is optionally included for custom extensions. There is also a possibility to offer the receiver (STB) software stack and transport stream encapsulation tools.

The hardware consists of a professional server from HP-Compaq with a high performance DVB-ASI output card from DekTec (ASI output stream card DTA-100).

Specifications:

- Operating system: SuSe Linux
- Max. Output Bit Rate: 120 MBit/s (byte-mode)
- Dual 10 BaseT, 100 BaseT, GigE connections
- DVB-ASI connector: BNC, 75Ω
- Packet Size: 188 or 204
- Max. Jitter: 70 ns p-p
- Power: 100...230 Volt, 0...60 Hz
- Size: 19" wide, 1 RU height, 70 cm depth

HP Hardware Options:

- Hot plug redundant power supply
- RAID mirror backup HDD

DekTec Output Card Options:

- QAM RF output
- QPSK RF output
- OFDM RF output

Option A: plus ASI input for merging/filtering, data injection will use unused bandwidth (null packets)

Option B: Multiple features: plus SI-generator or/and EPG generator

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