Firmware Overview for the DVRPTR_V1　　　29th December 2012

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There is a bit of confusion about different firmware revisions...below is a brief overview.

Main branch (V1.10e - V1.69b)
Open-source, hosted on sourceforge.net (available using Subversion)

V1.10e:
This is V1.10d in reality, but early versions of the ControlCenter software don't show the letter correctly. This version is needed (minimum) for correct hotspot / repeater operation. There is no AMBE-Add on and EEProm support.

V1.62:
First beta release for AMBE-Add on support contains several bugs so I never released this 'officially'. It was necessary for the first AMBE-Add on users.

V1.63:
Better support of TLV320 NF-Codec (AMBE-Add on, Mic filters), split up main.c source in functional separated files (preparation for adding more functions like stand-alone repeater). still buggy.

V1.69b:
Last version by Jan DO1FJN
Bugs fixed. There is still a need for a work around (TLV320 resets in a few conditions).
First version that uses the serial number for USB (needed for COM-port association of >1 board) released as Beta version.

Kurt's V1.62 branch (V1.8x numbering)
Source was available as a ZIP file
Contains the same bugs as V1.62
Roger beep feature added

XDVPTR firmware
Built from scratch
Not Open source (I have never viewed it)
Incompatible PC interface (but still uses USB-CDC mechanism)

Recommendation:
For Hotspot/Repeater usage V1.10e - V1.69b can be used. All basic functions are identical.