

# H&D Wireless Wi-Fi IP-Video Multimedia demo supported on Atmel ARM platform SAM9M10

## Media Applications

The H&D Wireless AB Wi-Fi solution is supported on Atmel AVR (MCU) platforms for quick start for developers that want to enter the Digital media market.

## Wi-Fi makes it Wireless

In all media applications the problem of how to access and change the media is easily solved with Wi-Fi. Due to the high speed and security functions of 802.11, media such as mp3, IP-radio or video are transferred fast and secure.

## Performance of Wi-Fi

The Wi-Fi solution provided with HDG104 WLAN802.11b/g is market leader in terms of solution size, power consumption in all modes, transmit/receive range, data transfer speed and cost.

## TURNKEY SOLUTIONS

The reference designs provided are turnkey solutions that will work first time and can be modified and used for customers own products.



Atmel SAM 9 with H&D Wireless Wi-Fi, supporting high def. video

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Photo: Atmel SAM9M10 capable to handle multimedia playback and streaming using Bonjour™ service discovery over the Wi-Fi connection provided by H&D Wireless AB.

The platform solution enables OEM/ODM:s to design an variety of Multimedia devices with low design effort and cost for quickest time to market possible!



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## Key Features of the IP Video solution includes:

- Full networked media player integrated
- Probably the smallest Wi-Fi + ARM platform implementation in the world, with IP Multimedia streaming on a SAM 9
- Lowest power consumption solution in the market for embedded applications.
- Full implementation of Bonjour™ Apple Inc zero configuration service and discovery protocol supported on SAM9
- Decoding MPEG-4 files
- HTTP WebDav support

There is a growing need of Wi-Fi enabled ARM:s that provide easy access to Internet, Most of "things" to be connected to Internet use Microcontrollers. The H&D Wi-Fi solution supported on Atmel ARM platforms is a perfect match and facilitate new Applications with low design costs and quick TTM for Customers!

H&D Wi-Fi combination with Atmel ARM platforms is environmental and "green" due to fast integration, installation and possibility of activating energy saving functions.

## H&D Wireless AB

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## Partners

H&D Wireless AB, official Atmel Wi-Fi partner



<http://www.atmel.com/wifi>

