

# Ethernet Multimedia Co-Processor Supports DLNA Guidelines

SMSC has addressed limited bandwidth and distance issues for networking technology in the home with a device that distributes multiple high definition (HD) TV streams simultaneously. Its LAN9131 is a wired Ethernet multimedia co-processor that currently supports DLNA guidelines. Because authentication and encryption processing have become essential when transferring copyright protected digital content between devices, this multimedia co-processor supports the DTCP-IP that allows copyrighted multimedia content to be viewed over a home network while keeping it protected. The DTCP-IP compatible functions provided in the co-processor comprise hardware and encryption firmware circuit blocks as well as content data transfer control. Design challenges, such as support of multiple HD audio/video streams while delivering time-to-market and lower development risk advantages, can be solved. The result is a bridge between the PC, broadcast and mobile worlds that allows for end users to manage, view and distribute content in the home.

SMSC

631-435-6000, [www.smisc.com](http://www.smisc.com) [1]

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**Links:**

[1] <http://www.smisc.com/>