

EyeLytics announces immediate availability of Main Profile HD H.264 Encoder IP core for surveillance market

Fremont, California (Jan 12th, 2009) - EyeLytics today announces the immediate availability of a Main Profile HD H.264 Encoder IP core for the surveillance market. The IP core has been developed for both ASIC and FPGA deployment and has been proven on the Altera Cyclone III Development board. The core logic is optimized for surveillance applications and contains many desirable surveillance features including multi-channel support, constant quality rate control, all intra / inter modes, QPEL, CABAC and low gate count.

Surveillance applications need to store video using minimal storage space. Baseline encoder does not provide enough tools to achieve high compression. EyeLytics IP core uses CABAC along with other tools to achieve much higher compression than a baseline encoder.

Surveillance applications also require good image quality for every captured frame to preserve image details. Unlike most off-the-shelf encoder solutions which drop image quality as a means of rate control, EyeLytics encoder uses a constant quality rate control feature to keep the quality of each frame identical.

The Main Profile HD H.264 Encoder IP core also supports multi-channel encoding. This means that multiple different resolutions and different frame rate videos can be encoded at the same time. Resolution can be programmed from 176x144 to 2Kx2K. Multi-channel encode is an essential feature for surveillance DVR applications and it is an important differentiating tool for any surveillance camera implementation.

Product Availability:

The EyeLytics Main Profile HD H.264 Encoder IP is available now from EyeLytics. Please email EyeLytics at sales@eyelytics.com for further information or visit us online at www.eyelytics.com.

About Eyelytics, Inc.

EyeLytics designs and sells Surveillance related IP for ASIC and FPGA. The company offers complete solutions, including IP cores, hardware, software, consulting services, and comprehensive technical support provided directly by the IP designers.

Founded in 2008, EyeLytics, Inc. is privately owned. The company's headquarter is located in Fremont, California. For additional information about EyeLytics, Inc, please visit <http://www.eyelytics.com>

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For media inquires and more information, please email EyeLytics at info@eyelytics.com