

Smart Sensors Ltd

Tools for Iris Recognition Engines

Smart Sensors demonstrates MIRLIN Iris Biometric Recognition on an Embedded Platform at Embedded World Nuremberg – March 2011.

Smart Sensors has ported its MIRLIN Iris biometric recognition and matching algorithms to an Embedded Environment utilising MPC Data's very latest Windows Embedded Compact 7 board support package for the BeagleBoard-xM, retaining full PC like accuracy and performance.

At Embedded World 2011, the company will be show casing an Access Control kit with embedded control board, Wiegand interface for door control and on-board database for up to 2000 users on MPC Data's booth (Hall 12 Booth 363).

The system is based on a Texas Instruments DM3730 (ARM Cortex A8 CPU) with USB interface and running MPC Data's latest Windows Embedded Compact 7 CTP BSP (<http://www.mpcdata.com/board-support-packages-products/>) with integrated Vector Floating Point library. The Embedded System handles all camera control, image capture and iris recognition functions using embedded MIRLIN technology.

Secure access control is an important feature of everyday life, whether for use in boarding aircraft, entering an office building or even logging on to computing resources. Opening doors with Smart Sensors' patented software and the Beagle Board reference design gives you supervision by a virtual security guard – the perfect solution for keyless and hands-free access control.

Neville Bulsara, MPC Data Business Development Manager, comments "We are committed to providing *high quality off the shelf software products* to the Embedded Industry allowing designers to focus on their core competence and get their designs moving quickly. The BSP allows developers to access, from the application layer, the peripherals of high end architectures, like the DM3730, using high quality drivers and frameworks designed by Windows Embedded Specialists - without having to worry about the low level driver code. We are delighted to partner with Smart Sensors and to host their product on our stand at Embedded World and show case our services for the embedded Security and Access Control industry".

MPC Data's products (<http://www.mpcdata.com/board-support-packages-products/>) and services are geared to helping you to get to market faster, this coupled with our experience and knowledge within the key sectors of Automotive Infotainment, Security and Medical Equipment make us an ideal choice as a partner for your development.

If you or any of your team are planning on attending Embedded World 2011 then we offer you complementary registration and free entry for the event - simply visit <http://www.mpcdata.com/EW11> and book a meeting with our team. We look forward to seeing you there!

About Smart Sensors Limited

Smart Sensors Limited is a leading developer of technology for iris (front of the eye) biometric recognition, licensing its intellectual property and design know-how to a wide range of channel partners who produce products and systems that are sold internationally into applications as diverse as secure hands-free access control, military force protection and automated border crossing. Based in the UK at the University of Bath's Innovation Centre in the city of Bath, Smart Sensors' recent focus has been on applying its video analytics and image recognition techniques to iris biometrics acquisition of subjects on the move and at a distance.

For further information on Smart Sensors MIRLIN system, please contact:

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