



Press Release

Mobile couponing's last barrier falls: Smartphone barcodes will finally be readable by all POS laser scanners

ams and Mobeam partnership brings integrated 1D barcode transmit solution to smartphone makers, ends paper-coupon processing nightmare for retailers

Unterpremstaetten, Austria and Barcelona (February 25, 2013) -- ams AG (SIX: AMS) and Mobeam announced today they have formed a strategic partnership that will accelerate the ability of smartphones to transmit barcoded content that can be read by all point-of-sale (POS) laser scanners. The partnership will provide an integrated solution consisting of ams' industry-leading light sensors and Mobeam's light-based beaming technology. With this partnership, handset makers will be able to fully support mobile commerce applications that use barcodes such as: coupon redemption, loyalty cards, gift cards and tickets. For retailers, this will mean the end of manually sorting printed coupons, and waiting months for reimbursement. This solution is being demonstrated in the ams booth (6C40 - Hall 6) at Mobile World Congress in Barcelona this week.

Roughly 350 billion paper coupons are issued each year in the U.S., with a value of over \$470 billion. Paper coupons consume 13 million trees every year, and 99% are actually never even used. The dream of paperless "mobile couponing" has remained elusive because the vast majority of in-store laser scanners cannot scan 1D barcodes displayed on mobile phones. The ams and Mobeam technology partnership gives handset makers the ability to finally overcome mobile couponing's last technical barrier.

The ams and Mobeam technology solves the problem that has limited the advancement of mobile couponing, namely that smartphones utilize emissive displays from which a common POS barcode reader cannot capture barcode data. The partnership integrates Mobeam's technology with ams' digital light sensor optical module to provide smartphone vendors with a turn-key solution and differentiation without the need for additional components. The ams TMD3990 module utilizes the same type of proximity IR LED that is already used in smartphones today to disable the touch-screen display. This simplified approach will give handset makers the ability to capture all of the new opportunities taking root in mobile coupons and mobile commerce.

"The combination of Mobeam technology and ams sensors will give smartphone makers a single, accurate and powerful integrated solution to participate in the growing mobile couponing and mobile commerce markets," said John Heugle, ams CEO. "Our customers look to us to help them create value and differentiation in their products and markets they serve, and we believe this relationship with Mobeam does just that."

More than 500 million people around the world are expected to receive mobile coupons this year, a



30% increase from 2012. Efficient transfer of barcode data is essential to expand the mobile couponing market. Enabling consumers to use their smartphones to redeem digitized coupons will provide an eco-friendly solution, added convenience, and help to accelerate mobile commerce.

"We are incredibly excited to join forces with ams to help move the entire industry towards true mobile commerce," said Chris Sellers, Mobeam CEO. "This partnership with ams will make it easier to integrate our cost-effective Mobeam technology in smartphones."

Devices are currently being sampled by ams. Full production of the TMD3990, which combines Color Light Sensing, proximity detection and IR LED barcode transmit function, is scheduled for 3Q2013.

About ams

ams develops and manufactures high performance analog semiconductors that solve its customers' most challenging problems with innovative solutions. ams' products are aimed at applications which require extreme precision, accuracy, dynamic range, sensitivity, and ultra-low power consumption. ams' product range includes sensors, sensor interfaces, power management ICs and wireless ICs for customers in the consumer, industrial, medical, mobile communications and automotive markets.

With headquarters in Austria, ams employs over 1,300 people globally and serves more than 7,800 customers worldwide. ams is the new name of austriamicrosystems, following the 2011 acquisition of optical sensor company TAOS Inc. ams is listed on the SIX Swiss stock exchange (ticker symbol: AMS). More information about ams can be found at www.ams.com.

About Mobeam

Mobeam, inc. is transforming mobile commerce with its unique and patented light based communications technology. The company was recently named one of the fastest growing technology companies in San Francisco for 2012 by business research firm, Lead411. Overcoming the technical barrier preventing mobile phones from interacting with laser scanners at checkout, mobeam's technology provides universal access at point of sale (POS), enabling the transmission of coupons, loyalty offers, gift cards, tickets and other barcoded data at retailers worldwide. Mobeam's technology creates new capabilities for existing mobile phone designs, and requires no changes to retailer POS infrastructure. Mobeam is headquartered in San Francisco, California. For more information visit www.mobeam.com.

for further information

Media Relations

ams AG
Ulrike Anderwald
Marketing Communications Manager
T +43 (0) 3136 500 31200
press@ams.com
www.ams.com

Technical Contact

ams AG
Jerry Koontz
Marketing Director
T +1 469 247 50 32
jerry.koontz@ams.com
www.ams.com