

Ericsson unveils four new wireless communication modules

At CeBIT in Hannover, Ericsson presented four new wireless communication modules, the GM25, GM22, DM10 and DM20. Modules function very much like a mobile phone, but without the microphone, earpiece, keypad, or display and they enable wireless communication machine-to-machine. Modules can be built into a wide variety of equipment, including domestic appliances, industrial machinery, metering equipment and all kinds of vehicles, thus automating lot of functions.

The GM22 is a dual band GSM module handling voice, SMS and fax. The GM25 is a dual band GSM module handling voice, SMS, fax and data. The DM10 is a dual band AMPS and TDMA 850 MHz module, handling voice, SMS, fax and data. Finally, the DM20 for AMPS 850 MHz and TDMA 850/1900 MHz module, handling voice, SMS, fax and data.

“The routine integration of a wireless module into a wide range of manufactured products is already beginning and will soon be taken for granted, much as the integration of the microchip is today,” says Jan Ahrenbring, Vice President Marketing and Communication at Ericsson Mobile Communications. “We believe that the market will expand most rapidly in the following areas; automotive industry, fleet management/vehicle positioning and utilities.”

The modules and are intended for use in both man-to-machine and machine-to-machine applications where there is a need to send and receive data or SMS, as well as in telephony applications with full voice functionality. These modules are truly versatile and can be used in a variety of applications, including telemetry, intelligent transport systems, wireless and the automotive industry, as well as many telephony applications. The modules will be available starting Q2 and there will also be a developer's kit consisting of 3 units, integration manual, cables, test adapters and software for a quick start.

Examples of applications where wireless communication modules are used could be that water, electricity and gas meters are read digitally and reported automatically by wireless communication. A burglar alarm in a house could report to the authorities without human intervention. A car that has been in an accident could not only call for help automatically, but could also identify with pinpoint accuracy where it is.

Ericsson is a world leader in the infrastructure for mobile communication. At present, this infrastructure is used almost exclusively for voice only, i.e. person-to-person communication. But soon, every car will have one or more modules, and every home may also have several - with the heating system, the security alarm, sundry household equipment, all linked into a central reporting module. Technologies such as Bluetooth and the development of 3G system (W-CDMA/UMTS) will make this possible within a few years.

Additional information about Ericsson mobile phones is available on the World Wide Web at <http://mobile.ericsson.com>

Ericsson is the leading provider in the new telecoms world, with communications solutions that combine telecom and datacom technologies with freedom of mobility for the user. With more than 100,000 employees in 140 countries, Ericsson simplifies communications for its customers – network operators, service providers, enterprises and consumers – the world over.

Please visit Ericsson's Press Room at: <http://www.ericsson.se/pressroom>

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