



PRESS RELEASE

Connect your Serial Devices – Wirelessly: IGW/400-UART

Hannover, September 2005 – SSV Embedded Systems is pleased to release its new wireless serial device server the IGW/400-UART. With the IGW/400-UART RS232 or RS422 serial devices, for example barcode scanners, cameras, manufacturing machinery and other data acquisition devices can be connected to a host PC using an 802.11b wireless LAN.

To connect various serial devices, the IGW/400-UART features two COM-ports. On the front face there is a 14-pin plug-in connector – the so called environment interface – which offers one RS232/422 interface with a transfer speed up to 921.600 bps. On the backside is a second RS232 interface with DB-9 connector that supports a speed up to 921.600 bps as well. To protect the data transmission over a wireless LAN network a standard 64/128-bit WEP (Wired Equivalent Privacy) encryption is used.

The IGW/400-UART supports the infrastructure mode, as well as the ad-hoc (peer-to-peer) mode. In the infrastructure mode, the IGW/400-UART transmits data from a serial device to the host PC by using an access point. When the ad-hoc mode is used no access point no access point is needed.

The IGW/400-UART supports a virtual COM-port driver for Windows. Through this, existing PC software will still work if used with the new wireless LAN infrastructure. The power supply for the IGW/400-UART can range from 6 to 30V DC. This wide range also covers most of all power supply voltages commonly used for industrial control systems.

For more information, visit our website <http://www.ssv-comm.de> or contact us directly kge@ist1.de.

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