Technical Data Industrial UMTS/HSPA Remote Access Gateway IGW/925-U

Basic

CPU	32-Bit Atmel AT91RM9200 ARM9-MCU
Speed	180 MHz
RAM	64 MByte SDRAM
Flash	32 MByte NOR Flash with preinstalled Linux O/S

I/O Functions

Ethernet (LAN1)	1 x 10/100 Mbps Ethernet with RJ-45 connector
Ethernet (LAN2 - 5)	4 x 10/100 Mbps Ethernet with RJ-45 connectors over integrated 4-port switch, Auto-MDIX support
UMTS/HSPA	Internal UMTS/HSDPA/HSUPA 3GPP release 6 modem class 3 with 0.25 W (backward compatible with GPRS multi-slot class 12 and EDGE multi-slot class 12)
GSM/UMTS Antenna	1 x SMA female (bulkhead) connector
RS232 (COM1)	1 x 9-pin Sub-D (Linux administrator interface)
RS232/RS485 (COM2)	1 x 3-pin screw terminal (software-selectable mode)
Alarm Output	1 x semiconductor relay output (max. 30 VDC, 500 mA)
Status LEDs	1 x Power indicator, 1 x system status 2 x LAN LED for each Ethernet interface
RTC	1 x Real time clock with internal battery backup
Watchdogs	1 x timer watchdog, 1 x power supervisor

Special Functions

Pre-installed O/S	ARM9 Linux kernel version 2.6 with MMU support
IP address assignment	SSV IP-by-Net or over DHCP server
Protocol Stack	ARP, ICMP, IP, TCP, UDP, Telnet, FTP, HTTP, TFTP
TCP Servers	Telnet, FTP, HTTP pre-installed
Security Protocols	SSL/SSH, HTTPS, OpenVPN with SSV/ECC option
Firewall	Netfilter + iptables
Proxy Functions	HTTP(S), FTP, Telnet, SSH, generic TCP port mapping
Configuration	Password-protected web-based user interface

Other

Mechanical	IP20 industrial case for DIN rail mounting
Size	112 mm x 100 mm x 45 mm
Power	11 - 28 VDC (< 5W) from external power supply
Operating Temperature	0 °C to +70 °C

This document contains information on an OEM product. The specifications are subject to change without notice. Rev. 0.3 © SSV Embedded Systems 12/2011