Technical Data Teleservice Gateway MGW/865

Basic

CPU	Atmel AT91SAM9263 32-bit ARM9 SoC
Speed	192 MHz
RAM	32 MByte SDRAM
Flash	32 MByte NOR Flash
SSD Expansion	1 x internal microSD/microSDHC socket
Ethernet	1 x 10/100 Mbps Ethernet with RJ-45 connector
GSM/GPRS/EDGE/Wi-Fi	1 x internal wireless modem socket

I/O Functions

Status LEDs	1 x Power indicator, 2 x programmable
CAN Interface	1 x RJ12 connector with galvanic isolation for BasicCAN and FullCAN with bit rates from 50 Kbps up to 1 Mbps
External UART COM1	1 x RJ12 connector with RS232 RxD, TxD signals
Internal UART COM2	RxD, TxD signals connected with modem socket

Special Functions

Pre-installed O/S	ARM Linux kernel version 2.6 with MMU support
SSV AutoIP	Auto IP address assignment without 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 (optional)
Embedded Firewall	Netfilter/iptables-based (optional)
RTC	1 x Real Time Clock with NTP synchronization
Watchdogs	1 x timer watchdog, 1 x power supervisor

Other

Mechanical	Plastic case for wall or DIL rail mounting
Size	158mm x 95mm x 33,9mm
Power	5 VDC
Current	400 mA typical without wireless modem
Operating Temperature	0 ℃ to +60 ℃

This document contains information on an OEM product. The specifications are subject to change without notice. Rev. 0.2 © SSV Embedded Systems 12/2010