

Product Description

The WEMSprammer is an embedded computer system that hosts WEMIS International's wireless building energy management application software, along with web server and other services that maybe required. For communication with WEMIS wireless modules the WEMIS USB wireless interface module (ASD03N) is attached.



i For product operation and installation information please refer to the WEMSprammer user manual.

Features

- Low power consumption, typically 1.5W
- Reliable, 100% solid-state
- Watchdog timer
- Real time clock
- 3x USB2 full speed host ports
- 2x RS232 ports
- 1x Ethernet port
- 1x SD/MCC card slot
- 1x micro SD card slot
- Engineers console port
- Linux OS
- Status LED's

Compliance

EMC

- EN 301489-1: 2008
- EN 55022: 2006
- EN 61000-4-3: 2006
- EN 61000-4-2: 2001
- EN 61000-4-4: 2004
- EN 61000-4-5: 2006
- EN 61000-4-6: 2005
- EN 61000-4-11: 2004
- EN 61000-3-3: 1995

Safety

- EN 60950: Information technology equipment
- EN 60730: Automatic electrical controls
- EN 50366: Domestic equipment

Specifications

Operating Temperature Range	-10 to +50 DegC
Operating Humidity	< 75% RH (Non condensating)
Storage Temperature	-20 to +85 DegC
Storage Humidity	< 90% RH (Non condensating)
Cooling	Convection
Supply Voltage	12VDC regulated (+/- 0.5V)
Current Consumption	500mA (6W) max
Ripple / Noise	100mV p-p max
CPU	Freescale i.MX21 (ARM926EJ-S core)
CPU Speed	266MHz
RAM	128MB SDRAM
FLASH	32MB NAND FLASH
USB Ports	USB2 Host full speed (100mA max, per port)
USB Connectors	Type A
Ethernet Port	10 BaseT (Full duplex)
Ethernet Connector	RJ45
RS232 Ports	110 - 128000 baud
RS232 Connectors	9-way D male (DTE)
Console Port	3 wire RS232
Console Connector	RJ11
Memory Card Support	MCC/SD and micro-SD
RTC Backup Battery	CR2032
Weight	287g
Enclosure	UL94-VO flame retardant PC, IP20 rated
Mounting	35mm DIN rail (EN 50022, BS 5584, DIN 46277-3) or direct surface mount. Optional adaptor for G rail mounting

Dimensions

