

WRM 247



WRM 247 is a low-cost device for remote management, measurement and control. The device can be used independently or as a part of Wapice Remote Management (WRM) system. Designed by Wapice, it has complete customization opportunities.

WRM 247 is designed to meet the requirements of industrial conditions. Wapice also provides complete software development services for the target system.

Options:

- Custom tailored: buy only the features/connectors you need
- Use independently
- Use as a part of Wapice Remote Management system



TECHNICAL DATA

Processor	ARM9
Flash	4 MB Serial Flash 128 MB NANDFlash
RAM	8/64 MB SDRAM
RS-232	1
RS-485	1
USB	1 x host + (internal: 1 x host and 1 x device)
Digital Output	4 x 0/5-30 V
Digital Input	4 x 0/5-30 V
Analog Input	2 x 22 mA, 2 x 0-30 V
Ethernet 10/100 Mbps	1
1-wire	1
CAN	2 (Protocol options: CANopen, DeviceNet, J1939, ISOBUS, etc.)
Connections	GSM/GPRS Class 10, External antenna
Accelerometer (Acceleration sensor)	±2g/±4g/±8g Digital, triaxial
Multimedia Card	Micro SD (Temperature -25°C to +60°C)
Supported Operating System	Linux
Operating Temperature	-30°C to +60°C
IP Class	IP 65
High Input Voltage Range	9 – 34 Vdc
Weight	252 g
LED	4 (Power, GSM, Programmable, Ethernet) (Temp. -20°C to +60°C)
GPS	22 tracking channels, Start time (cold/hot): 35/1.5 sec., External antenna
RTC Back-up battery	Yes

Connector 1	Connector 2	Connector 3	Connector 4	Connector 5
Ethernet	Power input	1-wire	USB host	Current loop 2(20 mA)
Debug RS-232	Digital IN 1,2	Analog IN 2	RS-485	/ Internal power supply measure / CAN 2
5V output	Digital OUT supply	Current loop 1(20 mA)	Analog IN 1	
	Digital OUT 1	Digital IN 3,4		Digital OUT 2,3,4
	CAN 1			RS-232

DEFAULT

CONNECTOR OPTIONS

Options	Connector 1	Connector 2	Connector 3	Connector 4	Connector 5
Mouse		X			
Rabbit	X	X			
Fox	X	X	X		
Lynx	X	X	X	X	
Bear	X	X	X	X	X

DEFAULT



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5V output	Digital OUT supply	Current loop 1(20 mA)	Analog IN 1	measure / CAN 2
	Digital OUT 1	Digital IN 3,4		Digital OUT 2,3,4
	CAN 1			RS-232

DEFAULT

Wapice Ltd - Industrial software

Wapice Oy is a Finnish software provider specialized in industrial solutions, systems and product development for Finland's leading industrial companies. Our software production is based on a certified ISO 9001:2008 quality management system. We have nearly 160 experts in software development, electronic design and industrial process development at your service. For our globally functioning customers we make either parts of projects or overall solutions according to agreement. Our services are divided into three areas: Embedded systems, Industrial systems and Business solutions.

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