



# WRM247+

## Intelligent IoT Edge Device

**WRM 247+** is a robust device for remote management, measurement and control. The device can be used independently or as a part of Internet of Things platform such as IoT-TICKET®.

Designed by **Wapice Ltd**, it has complete customization opportunities to meet the requirements of industrial conditions. Wapice also provides complete software development services for the target system.

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- ✓ Complete, secure solution
- ✓ Data acquisition & remote control device
- ✓ GPS, GPRS, Ethernet, Bluetooth, WLAN, 3G
- ✓ Update and configure remotely
- ✓ Easy to install

# Technical Datasheet

<b>Processor</b>	ARM® Cortex™-A5, 536MHz
<b>RAM</b>	256MB DDR2
<b>Flash</b>	256MB NAND Flash
<b>Multimedia Card</b>	1 Micro SD slot
<b>Wireless connectivity</b>	GSM/GPRS/3G, WLAN, Bluetooth (BLE 4.0), external antennas
<b>GNSS</b>	GPS+GLONASS, -165dBm sensitivity, 33 Tracking channels
<b>Ethernet 10/100 Mbps</b>	2 (4 pin M12 industrial Ethernet connectors)
<b>CAN</b>	2
<b>RS-485</b>	1
<b>RS-232</b>	1
<b>1-Wire</b>	1
<b>USB</b>	1 x host
<b>Digital output</b>	4 x 0 / 5-30 V, max 200 mA current output
<b>Digital input</b>	4 x 0 / 5-30 V
<b>Analog input</b>	2 x 0-22 mA and 2 x 0-30 V

<b>Input voltage range</b>	7 – 56 Vdc
<b>LED</b>	1 programmable red/green LED, GSM LED and 2 x Ethernet LED
<b>Accelerometer</b>	Digital, triaxial, 16 bit, $\pm 2g/\pm 4g/\pm 6g/\pm 8g/\pm 16g$
<b>Supported operating system</b>	Real Time Linux
<b>RTC Back-up battery</b>	Yes
<b>IP Class</b>	IP 65
<b>Operating temperature</b>	-30°C to +60°C
<b>Weight</b>	280 g (approx)
<b>Dimensions</b>	168mm x 84mm x 29mm (without antennas)



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