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**Meton Wireless**

 <p><b>Meton Wireless</b> For illustration purposes only. Ordered products may vary from illustration</p> <p style="writing-mode: vertical-rl; transform: rotate(180deg);"><b>Technical Specifications</b></p>	<p>Model <i>Meton Wireless</i></p>
	<p>Description <i>Intelligent IoT gateway / datalogger</i></p>
	<p>Unique characteristics <i>• Ceaseless data logging and instant alarming capability on event of interruption of the mains supply thanks to its embedded rechargeable lithium battery (LiPo)</i></p>
	<p>CPU <i>1GHz, dual core ARM, 32bit of Texas Instrument (USA), RAM at 512MB and embedded flash at 4GB (eMMC). Runs on Linux Debian</i></p>
	<p>Integrated I/O <i>-</i></p>
	<p>Measuring range of AI <i>Dependent on interconnected sensors via wM-Bus</i></p>
	<p>Communication interfaces <i>1x Ethernet (base 10/ 100Mbps) 1x EU standardized acc. to EN 13757-4, wireless receiver wM-Bus, 868MHz, modes T1 OMS and C1<sup>(1)</sup></i></p>
	<p>Supported communication protocols <i>Modbus TCP (master/slave), wM-Bus master on modes T1 OMS and C1<sup>(1)</sup> Upon request, available firmware variants for: a) integration of additional standardized or proprietary protocols over Ethernet</i></p>
	<p>Real time clock <i>Embedded RTC module with lithium battery (Li2MnO2) for real time clock support up to 4 years from the mains power supply interruption. Time synchronization over the network (NTP) is also supported</i></p>
	<p>Power supply <i>5VDC on female DC jack connector, type A acc. to IEC 60130-10</i></p>
	<p>Consumption <i>Typical: 2.3W, Max: 6W (charging)</i></p>
	<p>Backup power supply (UPS) <i>Embedded rechargeable lithium battery (LiPo) for UPS time up to 4 hours from the mains power supply interruption. Sophisticated battery management system featuring battery temperature and fuel monitoring. Ensures ceaseless data logging for the interconnected sensors and instant notifications on power supply changes and battery replacement need</i></p>
	<p>Temperature range <i>-20...+70oC Upon request, available hardware variants for: -40...+85°C</i></p>
	<p>Ingress protection <i>IP20 acc. to IEC 60529</i></p>
	<p>Weight <i>175g</i></p>
<p>Dimensions <i>73x100x35 mm</i></p>	
<p>Mounting <i>Wall or DIN rail mount</i></p>	
<p>Accessories <i>Included: a) switching power supply, 230VAC/5VDC, 2A, with male DC jack connector, type A acc. to IEC 60130-10 b) Patch cable, UTP Cat5e, RJ45, 1m c) 1x folding antenna 868MHz, omni, 3dBi, 50Ω, VSWR 2.5:1, 195mm (λ/2), SMA male</i></p>	
<p><b>Remarks:</b> <i>(1) Upon request available hardware variants for other frequencies (433MHz, 169MHz) and firmware variants for other wM-Bus modes (S1, S2, T2, N1, N2)</i></p>	



