

Technical Data

A850 – 2020 Telemetry Gateway



The Core

- Device type**
 Base Station for Adcon Wireless Sensor Networks
- Product highlights**
 Manages up to 1000 Adcon RTUs, easy to operate via graphical user interface, integrated uninterruptible power supply (max. 5h), New 16 GB data memory on SD Card, where 1 GB data memory is sufficient for 200 stations for 4 weeks, embedded Linux OS.
- IP-communication**
 Connects seamlessly into Ethernet networks
- Interfaces**
 1x USB; 1x 100MBit Ethernet; 1x RS-232; 1x RS-485 (to A440 Wireless Modem)

The A850 Telemetry Gateway is the core of every Adcon monitoring network, be it a pure GSM / GPRS network, a UHF radio network or a combination of both - it's the A850 that knows exactly when and how to retrieve data from each RTU.

| A850 – 2020 Telemetry Gateway | |
|-------------------------------|--|
| Dimensions | 182 x 260x 52 mm |
| Weight | 1.862g |
| Connectors | 1 x 100Base-T Ethernet 1 x RS-232 (Console) 1 x RS-485 (Radio Modem) 1 x USB (ext. modems) 1 x Mains Power |

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|-----------------------|--|
| Micro Processor | Cortex-A8, 1 GHz, 32-Bit |
| Memory | 32 GB microSD card |
| Operating System | Linux OS 4.19 Kernel |
| Power Supply | 110 ... 230 V AC; an integrated 8.4 V NiMH battery with 4.500 mAh serves as uninterruptible power supply |
| Operating Temperature | -10°C ... +55°C |

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We reserve the right to make technical changes and improvements without notice. V-10/04/2024

ADCON Telemetry, Austria

