

VPL Example Application

The VPL application is a simple example that by default will start collecting all packets sent in M-Bus mode T1.

If it receives a packet from an Adeunis ARF8041AA analog Wireless M-Bus Transmitter, it tries to parse it and shows the received data.

The application can be controlled by sending SMS messages from the RTCU IDE:

SMS	Action
start	Opens the connection to the wireless M-Bus module and starts the reader thread.
read	Gets the oldest frame from the buffer and prints some info. Timeout to wait for data is 2 minutes.
reg	Registers the sensor with the serial numbers 10000530 and 20000530 and enable decryption of the data from the sensor.
info	Shows some information about the Wireless M-Bus module.
lvl	Returns the status of how full the buffer is in promille.
send	Sends data to the wireless M-Bus module.
stop	Closes the connection to the wireless M-Bus module, stops the reader thread and cleans up.
ack	Sends acknowledge packet to the wireless M-Bus module.
reset	Resets the RTCU.
AOUT[1]	Changes the value of analog output 1. This is used for providing an analog value for the analog sensor to read.
AOUT[2]	Changes the value of analog output 2. This is used for providing an analog value for the analog sensor to read.