

CubicMeter LoRaWAN Downlinks

Transmission interval setting

FPort=19 with payload="<seconds>" where seconds needs to be in uint32_t (hex LSB) format.

Example payload for 600 second interval: "58020000".

Upper Limit	2 592 000 seconds (30 days)
Lower Limit	600 seconds (10 minutes)
Default	60 minutes

LoRaWAN reset / switch network

Fport=102, payload "0". This will after a delay of 10 seconds reset the LoRaWAN session and trigger new join requests. During this time you have time to switch network.

Automatic reset:

The device will also automatically reset the network after 54 uplinks without any answer. So it will take by default 54 hours to reset if the network is lost.

Reset total volume data on LCD

Fport=101, payload "0".

Reset device to initial mode (pipe selection mode)

Fport=2, payload "04".

Force activate device to metering mode (to skip the 1h settling time)

Fport=2, payload "05".

Change pipe type setting

Fport=4, payload "[pipe_id]".

See values of **pipe_id** below depending on model (plastic/copper model).

Pipe type	pipe_id	Compatible Model	Description
Copper 15 mm	1	LTCM02-C	Copper
Copper 18 mm	2	LTCM02-C	Copper
Copper 22 mm	3	LTCM02-C	Copper

Chrome 15 mm	4	LTCM02-C	Chromed copper
Chrome 18 mm	5	LTCM02-C	Chromed copper
PAL 16 mm	7	LTCM02-P	PE-RT/Aluminium/PE-RT
PAL 20 mm	8	LTCM02-P	PE-RT/Aluminium/PE-RT
PAL 25 mm	9	LTCM02-P	PE-RT/Aluminium/PE-RT
PEX 16 mm	14	LTCM02-P	Plastic, PEX or PE-RT
PEX 20 mm	15	LTCM02-P	Plastic, PEX or PE-RT
PEX 25 mm	16	LTCM02-P	Plastic, PEX or PE-RT
Distpipe	17	LTCM02-P	<i>For "LK Distance pipe 110"</i>
Default	250	-	Revert to default pipe

