



Ref: FAQ0354

Version: 1.0

Title – IDT Flow & meter factor set up

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(Issue 1)

IDT Software – flow channel and meter factor set up explained

The screenshot shows the IDT (Expert mode) V2.03.03 software interface. The 'Setup' tab is selected, showing 'MultiLog LX on COM5'. The 'Logger' section includes fields for Type (FW-102-001 V3.94), ID (_00_OF), Serial No (0072566), Tel No (+447924870012), and Logger Time (14 Mar 2016 10:14 54). The 'Logging Parameters' section shows Start Time (01 Mar 2016 14:30:00) and Log data at specified time interval (00:15:00). The 'Logging Channels' section shows two channels: Ch1 (Flow, Even, 0, 10) and Ch2 (Flow, Ave, 0, 10). The 'Meter Readings' section shows Meter read Flow 1 (000036545.56) and Meter factor Flow 1 (x1000). The 'Secondary / Pseudo Channels' section has an 'Enable Fast Logging' checkbox. The 'APN' section has two radio buttons: 'Let me choose APN settings' and 'Use GPRS test to choose APN settings'. The 'Time(s) Data Is Sent' section has a table with columns: Address, Type, Mode, Time hh:mm.

Logging parameters

Log data at specified time interval - set this for your logging interval – normally 15 minutes for most water flow applications

Flow Channels

Mode Ave – use for normal flow logging where pulses are averaged over the logging interval

Mode Event – use this where flow rates are very low – this mode logs the time between pulses and uses this to calculate flow rate.

Offset – this should be set at zero

Scale – set this to the meter pulse output – 1,10,100,1000 depending on how many litres per pulse the meter is outputting

Meter Readings

Meter Read Flow 1 (Channel 1)-

Enter the meter reading in this box as it appears on the meter dial including all leading zeroes

Meter factor Flow 1 (Channel 1)-

If the Scale setting is in **litres** but you want the meter reading on HWM Online or the meter reading for billing to be in Cubic metres select **x1000**

If the Scale setting is in **Cu metres** and you want The meter reading on HWM Online or the meter reading for billing to be in Cubic metres select **x1**

x 100 and **x 10** tend to only be used for Gas meters which have pulse factors of 10's of cu feet or 100's cu feet

'Meter Read Flow 1' and 'Meter Factor Flow 1' refer to the first flow channel. Use 'Meter Read Flow 2' and 'Meter Factor Flow 2' for the second flow channel if your logger is equipped with 2 flow channels

Document History:

Edition	Date of Issue	Modification	Notes
1st	14/03/16	Release	