

# LBMM-100

Master module monitoring and alarm



LBMM-100 is the main monitoring unit for the leak detection system and it works with sub-modules and sensing cables. When the LBMM is working in master mode, it is connected with the LBSM, the sub-module via RS485, for monitoring all the events and status of sub-modules on the provided LCD display. When detecting any event with a LBSM in slave mode, it produces a visual and auditory alarm to be noticed from distance with ease. Furthermore, all the data, which is safely stored in the provided external SD-Card, can be read by a personal computer even in the case the product is no longer functional. When the LBMM is working in slave mode, it performs the same functions as the LBSM, sub-module does.

## Product specification

Power Supply Functions	110 ~ 250Vac / 50, 60Hz (DC SMPS Built in)
Display/Alarm	Leak detection and positioning / Contamination check of sensing cable / Continuity check of sensing cable
Sensing Time	3.5 Inch TFT-LCD / Built in
Sensing Length	Max. 8 seconds (default)
Operating Temp. / Humidity	max 1.000M / 1M accuracy
Output	-10 ~ 85°C / 30 ~ 80% RH
RTC Battery / Memory	Replay – 3 Channels 250Vac - 10A , 30Vdc - 10A
Parameter Setting	Analog Output; 1 Channel (0 - 20mA) 1 Channel (0 - 10Vdc)
Communication Method	Built in / SD-CARD
Protocol	KEY & Modbus RTU
Communication Distance / Number of Multi-Drop	RS485 – 2wire
Data Transferring Speed	Modbus-RTU
Data bit / Stop bit / Parity bit	1.2km / 32
Housing	9600BPS
	8bit / 1bit / none (Fixed)

## Product drawing

