



ELECTRONIC ENGINEERING LTD.

Manufacturer's Declaration

Manufacturer: CROW ELECTRONIC ENGINEERING LTD.
P.O.Box 293, Ben-Gurion Airport 70100
12 Kineret St. Airport City, Israel

We, CROW ELECTONIC ENGINEEING LTD., declare under our sole responsibility:

1. That the radio module CR-DU-MDL is incorporated in the wireless detectors products (hosts) listed below:
 - CR-DU-PIR
 - CR-DUS-PIR
 - VC7003
 - CR-DU-MAG
 - CR-DU-FLD
 - CR-DU-TMP.
2. The hosts listed in the table provides to the radio module the same power and signal interface. The difference and similarity between the hosts is described in the below table in the Annex A
3. Wireless Motion Detector CR-DU-PIR was chosen for making the full testing program due to following reasons:
 - Representative host;
 - Convenient to handle during the tests;

Eugene Plotnichenko - Compliance Manager

CROW Electronic Engineering Ltd.

Date: 09/09/2015

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Annex A. Hosts table

Host model name	Host type	Similarity to other hosts	Differences from other hosts	Antenna type and gain	Remarks
<u>CR-DU-PIR</u>	Wireless Motion Detector	SW and PCB shape factor are common with CR-DUS-PIR and VC7003	Different plastics and host SW from CR-DU-MAG/FLD/TMP. Different plastics shape, layout and HW assembly from CR-DUS-PIR and VC7003	Printed F-type antenna with max. gain 2.7dBi	Chosen for conducted tests as more suitable.
<u>CR-DUS-PIR</u>	Wireless Motion Detector	SW and PCB shape factor are common with CR-DU-PIR. Same SW/HW/enclosure as in VC7003	Different plastics and host SW from CR-DU-MAG/FLD/TMP. Different plastics shape, layout and HW assembly from CR-DU-PIR See "Remarks"	Soldered PIFA antenna with max. gain 2.9dBi	VC7003 is manufactured under "Vtech" brand name for Vtech's bundles. Logo "Vtech" imprinted on the front panel, different label and manual.
<u>VC7003</u>	Wireless Motion Detector	SW and PCB shape factor are common with CR-DU-PIR. Same SW/HW/enclosure as in CR-DUS-PIR			
<u>CR-DU-MAG</u>	Wireless Magnetic Contact Detector	PCB, plastic and HW assembly are common with CR-DU-FLD and CR-DU-TMP.	Different host SW Different plastics from CR-DU-PIR, CR-DUS-PIR and VC7003. Different HW assembly from CR-DU-TMP and CR-DU-FLD: - no external cable connection option; - magnet reed-switch installed on PCB	Printed F-type antenna with max. gain 4.4dBi	
<u>CR-DU-FLD</u>	Wireless Flood (Leakage) Detector	PCB, plastic and HW assembly are common with CR-DU-MAG and CR-DU-TMP	Different host SW. Different plastics from CR-DU-PIR, CR-DUS-PIR and VC7003. Different HW assembly from CR-DU-TMP and CR-DU-MAG: - external cable 0.9m ends by a leakage probe (a small PCB with 2 pins enclosed by plastic, the outer dimensions are 30x12x5mm); - no reed switch on the PCB		
<u>CR-DU-TMP</u>	Wireless Temperature Sensor	PCB, plastic and HW assembly are common with CR-DU-FLD and CR-DU-MAG	Different host SW. Different plastics from CR-DU-PIR, CR-DUS-PIR and VC7003. Different HW assembly from CR-DU-FLD and CR-DU-MAG: - external cable 0.9m ends by a sealed temperature sensor (enclosed by plastic, the outer dimensions are 20mm x50mm); - no reed switch on the PCB		