

06 September 2018

**Subject: Professional Installation Attestation**  
**MCU-30 Lite (MCU-30L) FCC ID Q88-MCU-30L**


MOBILICOM (the manufacturer) addresses the following items to ensure that the above referenced equipment FCC ID: *Q88-MCU-30L* is professionally installed.

The system must be configured to the specific flight controller used and parameters of the different communication protocols, which requires understanding of the different protocols in the system. As well as performing frequency spectrum analysis before system operation, using the internal scanning features, and understanding the results:

1. The MCU-30L will only be sold by MOBILICOM or one of its authorized dealers. MOBILICOM and its authorized dealers will be under strict marketing control and will only market and sell the MCU-30L to professionals.
2. Professional installation is required for the MCU-30L and will be performed only by someone knowledgeable of its use.
3. MOBILICOM will ensure that the MCU-30L is only marketed and sold to professionals.
4. The MCU-30L is not sold to the general public and is sold only for industrial or commercial use by professional installers.
5. List of approved antennas and power settings used shown on FCC grant. Installer shall be responsible for ensuring that the proper antenna is employed so that the limits in FCC Part 15 are not exceeded.

## 6. Power Feed:

- a) The device can be powered only via battery and not via AC/DC transformer.
- b) The device can be marketed as battery powered only.
- c) Communication and power harness can be supplied by Mobilicom as an auxiliary cable, but can also be manufactured according to Mobilicom's spec. The cable should contain at least a 100Mbps Ethernet wiring and one power wiring as a minimum, yet it is recommended that the RS232 will be added as well. The Power line must contain a 2A fuse.
- d) Voltage Regulation: 33%  $= (12-9)/9 * 100\%$
- e) Battery Types that can be used:
- Voltage: 12VDC
- Max Current: 1.2A
- Recommended AH: 10AH (for 8 hours operation)

 **Output power is conducted. This device must not be sold to the general public. This device is not approved for use when being powered by the AC power lines either directly, or indirectly, through another device. Professional installation of this device is required. The antenna(s) used for this device must be installed to provide a separation distance of at least 20 cm from all persons, and must not be co-located or operating in conjunction with any other antenna or transmitter except in accordance with FCC multi-transmitter product procedures.**

Yossi Segal

VP R&D

