

January 23, 2019

Federal Communications Commission  
Equipment Authorization Branch  
7435 Oakland Mills Road  
Columbia, MD 21046

Applicant: Redline Communications Inc.  
FCC ID: QC8-RDL3000RMH  
RE: Limited Modular Transmitter Approval for RDL-3000-RMH

To whom it may concern:

Pursuant to the FCC Rules, Part 15 Section 15.212 Modular transmitters and KDB 996369 D01 Module Equipment Authorization Guide v02, Redline Communications, Inc. hereby requests Limited Modular Transmitter Approval for the above listed FCC submittal.

This letter affirms that Redline Communications Inc. shall retain complete control over the final installation of the module and will ensure compliance of the end product to all applicable FCC regulations. The module will not be distributed, marketed or sold to the general public and Redline will not make this module available as standalone product. It will be installed in the devices produced by Redline Communications Inc. and its authorized partners. According to the requirements of section 15.212(a)(1) of FCC rules please note the following statements:

1. Limited Modular Transmitter Approval is being requested since the modular transmitter doesn't have its own RF shielding. The module has been tested in the intended host / enclosure models RDL-3000 Ellipse and RDL-3000 Enterprise RF and complies with all FCC requirements.
2. The input to the module is an Ethernet interface. All modulation and protocol elements are contained within module. There are no other modulation or data inputs to the module that may result in non-compliant operation.
3. The modular transmitter has its own power supply regulation and filtering.
4. The modular transmitter complies with the antenna requirements of Section 15.203 and 15.204(c). The module does not incorporate an integrated antenna, however uses

unique MCX RF connectors for antenna connection. The module has been tested with the intended antenna. Approval for additional antenna will be obtained through a Class II permissive change.

The modular transmitter will be installed by professional installers trained by Redline Communications. Redline Communications will retain complete control over the final installation of the module ensuring that only approved antenna type will be used with this module. The list of approved antennas is included in the user manual.

5. The modular transmitter has been tested in a stand-alone configuration. It complies with Part 15 and Part 90 Subpart Y regardless of the device / enclosure into which it will be installed.

6. The modular transmitter will be labeled with its own FCC ID: QC8-RDL3100RMH, and the chassis of the device / enclosure into which the module is installed will display a label referring to the enclosed module "Contains FCC ID: QC8-RDL3100RMH".

7. The modular transmitter operates under Part 15 Subpart H to which it has been tested. Users do not have access to controls that may cause the module to operate outside its normal mode of operation.

8. The modular transmitter has been evaluated with the intended antenna and complies with all applicable RF exposure requirements. RF exposure warnings and separation distances are included in the user manual.

Sincerely,



Rod Cronin  
VP of Product Management and Integration  
Ph: 905.479.8344 x2377  
[rcronin@rdlcom.com](mailto:rcronin@rdlcom.com)