



We,
Company Name: LANTRONIX, INC.
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Declare that the DoC is issued under our sole responsibility and belongs to the following product:

Apparatus model/Product: EMG 8500
Type: Edge Management Gateway

Object of the declaration

Edge Management Gateway, EMG 8500,

Item	
Cellular Radio Firmware	SW19X20C_02.32.11.00

The object of the declaration described above is in conformity with the relevant Union harmonization legislation:

- Radio Equipment Directive (RED), 2014/53/EU
- Restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS) Directive, 2011/65/EU

The following harmonized standards and technical specifications have been applied

Radio Equipment Directive Article 3.1(a) Safety Standards:

- EN 60950-1: 2006 + A11:2009 + A1:2010 + A12:2011 + A2:2013 - Information technology equipment - Safety -- Part 1: General requirements
- EN 62368-1:2014 + AC:2015 - Audio/video, information and communication technology equipment - Part 1: Safety requirements (IEC 62368-1:2014, modified)
- EN 62311: 2008 - Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz - 300 GHz)

Radio Equipment Directive Article 3.1(b) EMC Standards:

- EN 55024: 2010 - Information technology equipment - Immunity characteristics - Limits and methods of measurement
- EN 55032:2012 + AC:2013 - Electromagnetic compatibility of multimedia equipment - Emission requirements
- EN 301 489-1 V2.1. Electromagnetic Compatibility (EMC) standard for radio equipment and services;

- EN 301 489-52 V1.1.0 Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 52: Specific conditions for Cellular Communication Mobile and portable (UE) radio and ancillary equipment

Radio Equipment Directive Article 3.2 Radio Standards:

- EN 300 328 V2.1.1 - Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonized Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
- EN 301 893 v2.1.1 5 GHz RLAN; Harmonized Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
- ETSI TS 151 010-1 V13.2.0 Digital cellular telecommunications system (Phase 2+) (GSM); Mobile Station (MS) conformance specification; Part 1: Conformance specification (3GPP TS 51.010-1 version 13.2.0 Release 13)
- ETSI TS 301 511 V12.5.1 Global System for Mobile communications (GSM); Mobile Stations (MS) equipment; Harmonized Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
- ETSI TS 301 908 v11.1.2 IMT cellular networks; Harmonized Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU; Part 13: Evolved Universal Terrestrial Radio Access (E-UTRA) User Equipment (UE)

ROHS Directive

- EN 50581:2012 - Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

Signed for and on behalf of:

Place of Issue: Lantronix Inc., Irvine CA.

Date of issue: 12-30-2019



Fathi Hakam, VP of Engineering