



# EU-Type Examination Certificate

with respect to the presumption of  
Compliance of a product with the essential requirements of

## RE DIRECTIVE 2014/53/EU

Certificate Number	RE-17103104
Certificate Holder	Lantronix Inc.
Address	7535 Irvine Center Drive, Suite 100 Irvine, California 92618
Manufacturer	Lantronix Inc.
Address	7535 Irvine Center Drive, Suite 100 Irvine, California 92618
Product Type/Description	xPico® 200 Series Wi-Fi® IoT Gateway
Trade Name	Lantronix
Model Number	xPico 250, xPico 240
Product Identification Element	xPico® 200 Series Wi-Fi® IoT Gateway

Applied / Complied Harmonized Standards		Complied
RE Directive 2014/53/EU, Article 3(1)(a) ■ Safety	EN 62368-1:2014	N/A
RE Directive 2014/53/EU, Article 3(1)(a) ■ Health	EN 62311:2008	Y
RE Directive 2014/53/EU, Article 3(1)(b) ■ EMC	Draft EN 301 489-1 V2.2.0 Draft EN 301 489-17 V3.2.0	Y
RE Directive 2014/53/EU, Article 3(2) ■ Radio	EN 300 328 V2.1.1 EN 301 893 V2.1.1	Y

Authorized By:

Leslie Bai, Director of Certification

Issue Date: October 31, 2017

Expiry Date: October 30, 2022

PS: This Certificate is Issued in Accordance with Annex III of the RE Directive 2014/53/EU and is only valid in Conjunction with the Following Annex I.  
775 Montague Expressway, Milpitas, CA 95035, USA  
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Website: [www.siemmic.com](http://www.siemmic.com), Email: [info@siemmic.com](mailto:info@siemmic.com)

## Annex I of RED EU-TYPE Examination Certificate

Certificate Number: RE-17103104

Product Specifications	
Frequency Range	Bluetooth/Bluetooth LE: 2402-2480 MHz IEEE 802.11b/g/n(20 MHz): 2412-2472 MHz IEEE 802.11a/n(20/40 MHz): 5180-5240 MHz, 5260-5320 MHz, 5500-5700 MHz
RF Output Power (EIRP)	2.35 dBm/7.40 dBm for Bluetooth BDR/EDR/BLE (2402-2480 MHz) 19.72 dBm for IEEE 802.11b/g/n (2412-2472 MHz) 22.50 dBm/22.16 dBm/21.15 dBm IEEE 802.11a/n (5180-5240, 5260-5320, 5500-5700 MHz)
Type of Antenna	Dipole, PCB, and Metal Antenna
Modulation	Bluetooth EDR (GFSK, $\pi/4$ QDPSK, 8DPSK), Bluetooth LE (GFSK) WIFI 11 b/g/n: DSSS/OFDM, WIFI 11a/n: OFDM
Mode of Operation (Simplex / Duplex)	Duplex (TX/RX) - Bluetooth, Bluetooth LE, IEEE 802.11a/b/g/n
Duty Cycle	-
Comments	N/A

## Technical Documentation Identification

Test Report	
RE Directive 2014/53/EU, Article 3(1)(a) ■ Health & Safety	LD170513E01, SE170513E01
RE Directive 2014/53/EU, Article 3(1)(b) ■ EMC	RM170513E01
RE Directive 2014/53/EU, Article 3(2) ■ Radio	RE170513E01, RM170513E01-1, RM170513E01-2, RM170513E01-3, RM170513E01-4
User Manual	<input checked="" type="checkbox"/>
Product Specification	<input checked="" type="checkbox"/>
Product Package Drawing	<input checked="" type="checkbox"/>
Product Label	<input checked="" type="checkbox"/>
Block Diagram	<input checked="" type="checkbox"/>
Circuit Diagram	<input checked="" type="checkbox"/>
BOM	<input checked="" type="checkbox"/>
PCB Layout	<input checked="" type="checkbox"/>
Declaration of Conformity	<input checked="" type="checkbox"/>
Risk Assessment Report	<input checked="" type="checkbox"/>
EUT Photo	<input checked="" type="checkbox"/>

Based on the evidence presented, our certificate in accordance with Annex III of Council Directive 2014/53/EU on Radio Equipment Directive and the mutual recognition of their conformity is that the apparatus identified above complies with the requirements of that Directive stated above.

Note: Compliance with the above Directive does not guarantee the right to use the above mentioned equipment in any EU member state.  
No configuration, other than described above, has been considered and is therefore not included in this certificate.

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Please check the validation of this certificate at [http://certdatabase.siemic.com/siemic\\_db/public/certverification.asp](http://certdatabase.siemic.com/siemic_db/public/certverification.asp)