

TÜV SÜD
 CERTIFICATE ◆ CERTIFICADO ◆ CERTIFIKAT ◆ 認證證書 ◆ TIFIKAT ◆



EU Type Examination Certificate

Certificate No: BABT-RED000452 i03

Certificate Holder: Lantronix, Inc.
 7535 Irvine Center Drive, Suite 100
 Irvine CA 92618
 USA

Product Type: Wireless LAN equipment
 IoT Device Gateway

Model(s): SGX 5150
 SGX 5150 XL

We, as Notified Body number 0168, have examined the technical documentation and supporting evidence for the above listed equipment and found it to comply with the requirements of Annex III Module B of Radio Equipment Directive 2014/53/EU in relation to the following essential requirements covered by the examination

Essential Requirements: Article 3.1 (a) in respect of Health and Safety
 Article 3.1 (b) in respect to EMC
 Article 3.2 in respect to the use of the Radio Spectrum

This is based upon examination of the following Technical Data file. Please refer to the Annex for further technical details.

Technical Documentation: SGX 5150 TCF

Valid from: 2019-08-19

Vina Kerai
 (Vina Kerai)

Total pages: Page 1 of 3

The certificate has been issued in accordance with the Certification Regulations of TUV SUD BABT (Notified Body Number 0168) and constitutes page 1 of the combined Certificate and Annex.

The CE marking may be used on the equipment described above subject to the equipment meeting the compliance requirements of all applicable EU directives.

The conditions for the validity of this certificate are listed in the Annex.
 For further details related to this certification please contact BABT@tuv-sud.co.uk

Issued by TUV SUD BABT under document number: RED1 001078 0006 Rev. 00

Annex to EU-Type Examination Certificate



1 Equipment Description

IoT Device Gateway

1.1 Models

Model Name	HW Version	SW Version
SGX 5150 SGX 5150 XL	A11	6.37.42.11

1.2 Supported Functions and Features

1.2.1 Non-radio features

NA

1.2.2 Radio features

Radio	Features	Operating Spectrum / Power	
IEEE 802.11b/g/n	Adaptive	2.412 – 2.472 GHz	18.3 dBm
IEEE 802.11ac/n	Adaptive	5.180 – 5.240 GHz	19.1 dBm
		5.260 – 5.320 GHz	18.8 dBm
		5.500 – 5.700 GHz	18.6 dBm
Bluetooth	BR	2.402 – 2.480 GHz	9.7 dBm
	LE	2.402 – 2.480 GHz	9.2 dBm

1.3 Associated Parts

N/A

2 Assessed Standards

Article 3.1(a)	Article 3.1(b)	Article 3.2
EN 60950-1:2006 +A11:2009+A1:2010+A12:2011+A2:2013 EN 62311:2008	EN 301 489-1 V2.2.1 EN 301 489-17 V3.2.0	EN 300 328 V2.1.1 EN 300 893 V2.1.0

3 Technical Documentation

3.1 Technical Documentation

Technical documentation and supporting evidence were examined and found to comply with the EU-type examination requirements in conjunction with Annex V requirements of the directive.

Annex to EU-Type Examination Certificate



3.2 Declarations

Declaration of Conformity draft Modified 2019-08-14

3.3 Strategic Documentation

RMR-00004 Risk Mgmt Report_SGX 5150_RevA Issued 2017-07-03

3.4 Technical Compliance Documentation

3.4.1 Article 3.1(a)

E128144-A39-CB-1 Issued 2017-04-12
SE150730E02 Issued 2015-11-11

3.4.2 Article 3.1(b)

D70112R1 Issued 2017-01-12
D60317Q1 Issued 2016-04-21
SD72128466-0617 Issued 2017-06-23
D90711R1 Issued 2018-07-17
72148733A Issued 2019-08-08

3.4.3 Article 3.2

RE150730E02 Issued 2015-11-11
RE150730E02-1 Issued 2015-11-11
RE150730E02-2 Issued 2015-11-11
RE150730E02-3 Issued 2015-11-11
RE150730E02-4 Issued 2015-11-11
SD72126188-0317E Issued 2017-05-19
SD72126188-0317D Issued 2017-05-19

Signature: _____

Date: _____ 2019-08-19

On behalf of TÜV SÜD BABT