EU DECLARATION OF CONFORMITY

(No. DOC-QEY0-2025-001)

1. Radio equipment (product, type, batch or serial number):

Product Name:	Network Security Device
Type/Model:	qEY-0
Batch/Serial:	See product label

2. Name and address of the manufacturer:

Disqnect AS
Ryenbergveien 54H
0196, Oslo
Norway

3. This declaration of conformity is issued under the sole responsibility of the manufacturer.

4. Object of the declaration (identification allowing traceability):

Portable handheld network diagnostic device for IT security assessment, integrating pre-certified radio modules for WiFi and Bluetooth Low Energy connectivity.

5. The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:

Directive 2014/53/EU (Radio Equipment Directive)
Directive 2011/65/EU (RoHS)

6. References to the relevant harmonised standards used, with identification number, version, and date of issue:

Health and Safety (Article 3.1a):

EN 62368-1:2014+A11:2017
EN 62479:2010

Electromagnetic Compatibility (Article 3.1b):

ETSI EN 301 489-3 V2.1.1 (2019-03)
ETSI EN 301 489-17 V3.2.4 (2020-09)
EN 55032:2015+A11:2020
EN 55035:2017+A11:2020

Radio Spectrum Efficiency (Article 3.2):

ETSI EN 300 328 V2.2.2 (2019-07) - 2.4 GHz wideband transmission
ETSI EN 301 893 V2.1.1 (2017-05) - 5 GHz RLAN
ETSI EN 300 440 V2.2.1 (2018-07) - Short Range Devices

Note: Standards referenced are those under which the integrated radio modules were originally certified and published in the Official Journal of the European Union at the time of their conformity assessment.

7. Where applicable, the notified body performed... and issued the EU-type examination certificate:

Not applicable. Conformity assessment performed under Annex II (internal production control) based on integration of pre-certified radio modules.

8. Description of accessories and components, including software, which allow the radio equipment to operate as intended:

Component	Manufacturer	Function	CE Reference
NVIDIA Jetson Orin Nano Developer Kit	NVIDIA Corporation	Compute platform	CE (EMC)
Panda Wireless PAU09 (HW: PW-PAU09-LG-V2.0)	Panda Wireless, Inc.	WiFi 802.11a/b/g/n (2.4/5 GHz)	CE (RED) LCS210915001AE
Nordic nRF52840 Dongle (PCA10059)	Nordic Semiconductor ASA	Bluetooth Low Energy (2.4 GHz)	CE (RED) PCA10059

Software: Linux-based custom firmware. No modifications to radio module firmware or RF characteristics.

Antenna configuration (PAU09): Third-party 2 dBi omnidirectional dual-band antennas (2.4/5 GHz) connected via 50 Ω RP-SMA extension cables. This configuration uses lower-gain antennas than the original certified configuration (~5 dBi), resulting in reduced EIRP below the certified limits. Antenna specifications: 50 Ω impedance, VSWR < 2.2:1, vertical polarization.

9. Additional information:

Radio frequency bands and maximum transmitted power:

Technology	Frequency Band	Max. EIRP
WLAN 802.11b/g/n	2400–2483.5 MHz	≤ 100 mW (20 dBm)
WLAN 802.11a/n	5150–5350 MHz	≤ 200 mW (23 dBm)*
WLAN 802.11a/n	5470–5725 MHz	≤ 1 W (30 dBm)
Bluetooth Low Energy	2402–2480 MHz	≤ 10 mW (10 dBm)

**Restricted to indoor use only in all EU/EEA Member States.*

Signed for and on behalf of:

Place and date of issue: Oslo, Norway 11 / 12 / 2025

Name: Theis Maker

Function: Founder

Signature: *Theis Maker*

This declaration is supported by technical documentation maintained at the manufacturer's address, including Declarations of Conformity and test reports from the integrated module manufacturers.