

EU DECLARATION OF CONFORMITY

Document No. EDC01-2026-01 | Issue 1

Manufacturer	Radig Hard & Software, Ulrich Radig An der Bahn 18, 57223 Kreuztal, Germany
Product	RADIG Digital LED Controller
Type / model	EDC 01
Supply	12 V DC, max. 150 mA (controller excluding connected LED loads)
Radio module	Espressif ESP32-S3-WROOM-1, 2.4 GHz Wi-Fi

This declaration of conformity is issued under the sole responsibility of the manufacturer. The object described above is in conformity with the relevant Union harmonisation legislation:

2014/53/EU (Radio Equipment Directive / RED), including the requirements introduced by Delegated Regulation (EU) 2022/30;
2011/65/EU (RoHS), as amended by Delegated Directive (EU) 2015/863.

Applied harmonised standards and technical specifications

Safety / health	EN IEC 62368-1:2020+A11:2020; EN 50665:2017; EN IEC 62311:2020
EMV	EN 55032:2015+A11:2020; EN 55035:2017+A11:2020; ETSI EN 301 489-1 V2.2.3; ETSI EN 301 489-17 V3.2.4
Radio spectrum	ETSI EN 300 328 V2.2.2
Cybersecurity	EN 18031-1:2024; EN 18031-2:2024
RoHS	EN IEC 63000:2018

The technical documentation includes the test and conformity evidence for the finished controller concerning RED/EMC, electrical safety and EN 18031-1/-2, the radio-module manufacturer's EU conformity documentation, and the assembler's RoHS declaration.

Radio data: Wi-Fi 2412-2472 MHz; maximum EIRP 19.9 dBm (according to the ESP32-S3-WROOM-1 conformity documentation).



Kreuztal, 2 August 2026

Place and date

Ulrich Radig

Proprietor