DATASHEET

SAP10e

Ethernet PoE - BLE / Thread Border Router

The SAP10e access point allows up to 10 BLE or Thread devices to be connected to a TCP/IP LAN network.
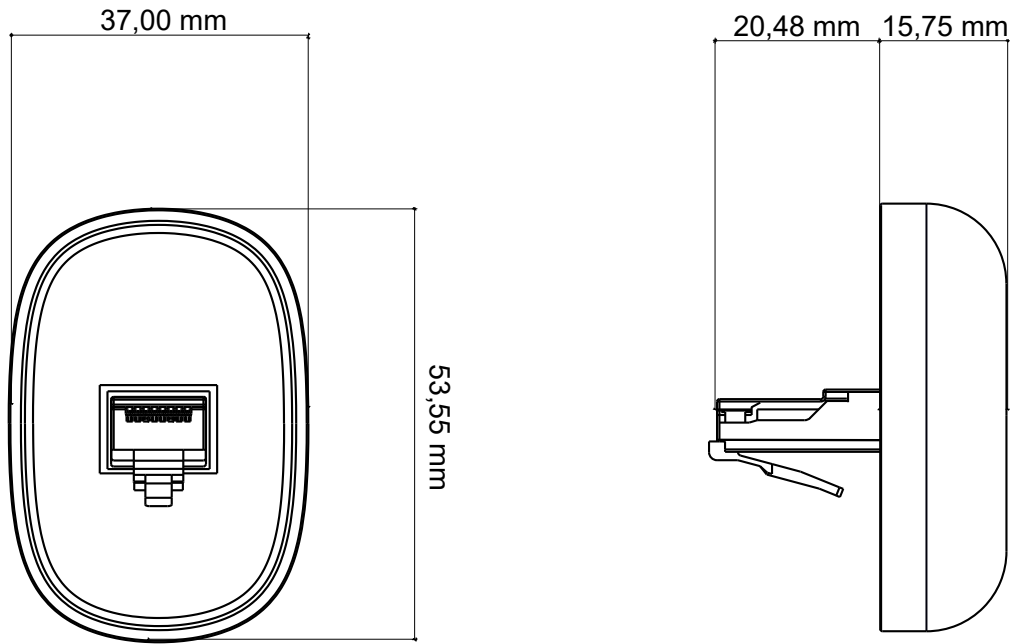
Connected directly to a powered RJ45 (PoE), its commissioning consists in pairing BLE or Thread devices using a web browser or a configuration file.

Strengths

▪ Power Over Ethernet (PoE)

▪ RJ45 male integrated

▪ Very low power: 0,75W

▪ BLE 5 compliant

▪ Thread compliant

▪ Ready for Matter

▪ Modular firmware

▪ Open SDK for custom firmware

Specification

Settings :
 Web UI HTML5

Protocols :
 HTTP(S), IPv4

Processors :
 Nordic Semiconductor nRF52840
 ARM CryptoCell 310

Peripherals :
 1x male RJ45 PoE 802.3af

Stockage :
 Internal Flash memory

Software compatibility :
 REST API

Network :
 1x Ethernet 10/100 BaseT
 1x Bluetooth 5 (long range BLE)
 1x Thread

Power supply :
 PoE 802.3af

Environment :
 Temperature: 0 ~ 40°C

Physical Characteristics :
 Weight: 35 gr
 Dimensions (WxHxD) : 37x53,55x15,75 mm

Warranty :
 1 year (parts and labor)

Manufacturer :
 Qeedji

Qeedji

Block Diagram

37,00 mm

53,55 mm

20,48 mm 15,75 mm

Ordering Information

Platform

Reference

Description

SAP10E   BLE or Thread Border Router

Qeedji

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