

# MAP-2014 Q

## TECHNICAL DETAILS\*

<b>Product Code</b>	A2Q001
<b>Dimensions (mm)</b>	210 x 45 x 140 (without antennas)
<b>Housing</b>	Robust synthetic housing, rear connectors
<b>Mounting</b>	Mounting kit available
<b>Weight</b>	602 g (including antennas)
<b>Antennas</b>	Four 3-dBi dipole dual-band antennas
<b>Power supply</b>	12V DC, external power adapter (110 or 230V) with bayonet connector to secure against disconnection
<b>Power consumption</b>	Approx. 7 watt via 12V/1A power adapter (value refers to the overall power for the access point and power adapter), about 8.5 watts via PoE
<b>Operating temperature</b>	Temperature range 0 – 50°C; humidity 0 – 95%; non-condensing
<b>Compliance</b>	CE, ROHS

## INTERFACES

<b>ESL</b>	Integrated radio module with 11 channels in the 2.4 GHz frequency band with a proprietary protocol. 128-bit Advanced Encryption Standard with secure key exchange. Supports up to 10 000 labels per access point. Transmission range of about 25 meters indoors (about 1 250 m <sup>2</sup> or 13 500 sq ft area) but the range can vary depending on the facility of the shop. Operating frequency: 2.400-2.480 GHz, maximum EIRP ≤ 10 mW
<b>WLAN</b>	Two integrated IEEE 802.11n WLAN radio modules for parallel operation at 2.4 GHz (13 channels) and 5 GHz (26 channels) up to 300 Mbps. Operating frequency: 2.400-2.4835 GHz, maximum EIRP ≤ 100 mW
<b>iBeacon</b>	Support of iBeacon technology: The device is equipped with a BLE radio module and can thus transmit a configurable iBeacon. Operating frequency: 2.400-2.4835 GHz and 5150-5700 MHz, maximum EIRP ≤ 100 mW
<b>Ethernet</b>	PoE ethernet interface, ETH1: 10/100/1000 Base-TX, ETH2: 10/100 Base-TX
<b>DSL over LAN (DSL over LAN)</b>	The LAN port can (even parallel to LAN mode) be used as a WAN port for connecting external DSL modems (PPPoE) or external routers
<b>External antenna connectors</b>	Four reverse SMA connectors for external LANCOM AirLancer Extender antennas or for antennas from other vendors
<b>Serial interface</b>	Serial configuration interface / COM port (8-pin Mini-DIN): 9,600-115,000 baud

\*for details see product specification

## EXEMPLARY PICTURE

