



# wAP LTE kit

A refresh of the classic wAP LTE kit – with a new LTE modem that brings the PRICE DOWN and the performance UP!



**UPGRADED VERSION**  
WITH ADDED B28 BAND SUPPORT!

*Disruptive pricing: the best OUTDOOR LTE/WI-FI deal on the market if you're on a tight budget!*



EXTENSIVE LTE BAND SUPPORT



DURABLE AND COMPACT OUTDOOR ENCLOSURE



FLEXIBLE POWERING: POE-IN, DC JACK, AUTOMOTIVE



ROUTEROS V7



POE INJECTOR & AUTOMOTIVE ADAPTER INCLUDED

wAP LTE kit is a **tiny weatherproof wireless access point** for installation outside your house, in the garden, on your porch, or in any other challenging environment where you need a capable wireless connection **on the tightest budget possible**. It features an Ethernet port with passive **PoE-in**, but there are more ways to power this affordable access point: there's also a **standard DC jack** and an **automotive plug**.

*The new revision features a new LTE modem that offers improved connectivity, the addition of the popular B28 band, and a massive price drop!*



### **Improved enclosure - looks good, works even better... even against vandals!**

wAP LTE kit is weatherproof and can be fixed to any external wall from the inside of the case – for extra security and less visible attachments. The bottom part can also be secured with a special anti-vandal screw, which can only be opened by the owner.

There is an opening in the back of the case, allowing you to run the Ethernet cable directly behind the unit and through the wall. This way the wAP attracts less attention and blends into any environment.

#### **Use it on the ceiling!**



*The wAP LTE kit comes with all the necessary things to be mounted on a ceiling. Cable breakout provides ability to run the cable through the ceiling.*

#### **Use it on the wall!**



*Wall mounting is easy thanks to the provided drill template and mounting screws. Everything included.*

## • Specifications

Product code	wAPR-2nD&EC200A-EU
CPU	QCA9531 650 MHz
CPU architecture	MIPSBE
CPU core count	1
Size of RAM	64 MB
RAM type	DDR2
Storage	16 MB, Flash
Number of 100M Ethernet ports	1
MiniPCIe slots	1
Wireless	802.11b/g/n
Wireless interface model	QCA9531
Wireless band	2.4 GHz
Wireless antenna max gain	2 dBi
LTE antenna max gain	4 dBi
LTE category	4 (150Mbps Downlink, 50Mbps Uplink)
LTE modem	EC200A-EU
TAC	86314105
LTE FDD bands	1 (2100MHz) / 3 (1800MHz) / 5 (850MHz) / 7 (2600MHz) / 8 (900MHz) / 20 (800 MHz) / 28 (700MHz)
LTE TDD bands	38 (2600MHz) / 40 (2300MHz) / 41 (2500MHz)
3G Category	R7 (21Mbps Downlinks, 5.76Mbps Uplink)
3G Bands	1 (2100MHz) / 5 (850MHz) / 8 (900MHz)
2G Category	Class12
2G bands	3 (1800MHz) / 8 (900MHz)
Dimensions	185 x 85 x 30 mm
Operating system	RouterOS v7, License level 4
Operating temperature	-40°C to +60°C

## • Powering

Number of DC inputs	3 (PoE-In, Automotive, DC jack)
PoE-In input Voltage	9-30 V
Automotive input Voltage	9-30 V
Automotive Max current at Min voltage	0.54 A
Automotive Max current at Max voltage	0.23 A
DC jack input Voltage	9-30 V
Power adapter nominal voltage	24 V
Power adapter nominal current	0.8 A
PoE-In	Passive PoE
Max power consumption	7 W

## • Supported 2xCA LTE bands

1+1/3/5/7/8/20/28	3+3/5/7/8/20/28	5+5/7	7+7/8/20/28
40+40	8+8	38+38	41+41

## • Wireless specifications

Rate (2.4 GHz)	Tx (dBm)	Rx (dBm)
1MBit/s	25	-100
11MBit/s	25	-94
6MBit/s	25	-96
54MBit/s	19	-78
MCS0	25	-96
MCS7	18	-73

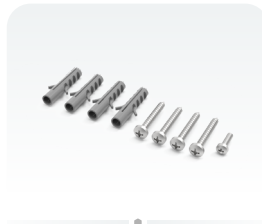
## • Included parts



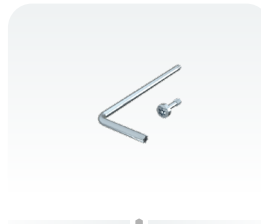
24 V 0.8 A power adapter



Gigabit PoE injector



Fastening set



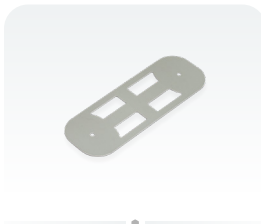
Locking set



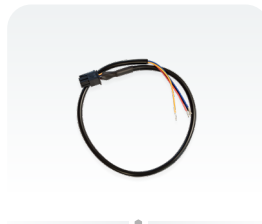
Desktop stand



Outdoor case bracket



Ceiling mount base



Automotive cable adapter