

SXT LTE kit / 4G kit

The SXT LTE kit is a device for remote locations that are within cellular network coverage. However, due to its professional LTE chip design and high gain antenna, it can provide connectivity for your building even where cell phones can't.

In comparison with our first generation model RBSXTLTE3-7, the SXT LTE kit is powered by faster CPU and supports not only LTE with more speeds, but also 2G (international model only) and 3G, as well as much wider band range. The unit is equipped with two Ethernet ports (the second port has PoE-out functionality), so you can use it to power up another device. Unit is shipped with a 24 V power supply, but can support full range 18-57 V and is 802.3af/at compliant.

The device has a built in high quality Category 4 modem for speeds of up to 150 Mbit/s downlink and 50 Mbit/s uplink, as well as two Micro SIM slots for backup link.



24 V 1.2 A
power adapter



PoE injector



Metal ring



Pole mounting
bracket



Four versions are available:

RBSXTR&R11e-LTE includes LTE modem that supports International LTE bands 1, 2, 3, 7, 8, 20, 38 and 40.

RBSXTR&R11e-LTE-US includes LTE modem that supports LTE bands 2, 4, 5 and 12, mostly used by mobile operators in United States, Canada and Latin America.

SXT 4G kit (RBSXTR&R11e-4G) includes LTE modem that supports LTE FDD bands 3 (1800MHz), 7 (2600MHz), 20 (800MHz) and 31 (450MHz), as well as LTE TDD bands 41n (2500MHz), 42 (3500MHz) and 43 (3700MHz).

RBSXTR is shipped without an LTE card installed (empty miniPCI-e slot), so you can use your own LTE card



Specifications

| | | | |
|-------------------------|---|--|----------------|
| Product code | RBSXTR&R11e-LTE | RBSXTR&R11e-LTE-US | RBSXTR&R11e-4G |
| CPU | QCA9531 650 MHz | | |
| Size of RAM | 64 MB | | |
| Storage | 16 MB Flash | | |
| 10/100 Ethernet ports | 2 | | |
| LTE antenna gain | 10.5 dBi | | |
| Antenna beam width | 60° | | |
| LTE category | 4 (150Mbps Downlink, 50Mbps Uplink) | | |
| 3G category | R7 (21Mbps Downlinks, 5.76Mbps Uplink) | R8 (Cat24 - 42.2Mbps Downlink) R7 (Cat14 - 21.1Mbps Downlink) | - |
| 2G category | Class12 | - | - |
| SIM slot | 2 (Micro SIM) | | |
| PoE in | Yes, on Ether1 | | |
| PoE out | Yes, on Ether2, max out per port output (input < 30 V): 600 mA, max out per port output (input > 30 V): 400 mA max total out (A): 600 mA | | |
| Supported input voltage | 18 - 57 V (Passive PoE, 802.3af/at on Ether2) | | |
| Dimensions | 140 x 140 x 103 mm | | |
| Operating temperature | -40°C .. +60°C tested | | |
| License level | 3 | | |
| Operating System | RouterOS | | |
| Max Power consumption | 6 W | | |

Supported bands

| RBSXTR&R11e-LTE | |
|-----------------|--|
| LTE (FDD) bands | 1(2100)/2(1900)/3(1800)/7(2600)/8(900)/20(800) |
| LTE (TDD) bands | 38(2600)/40(2300) |
| 3G bands | 1(2100)/2(1900)/5(850)/8(900) |
| 2G bands | 2(1900)/3(1800)/5(850)/8(900) |

| RBSXTR&R11e-LTE-US | |
|--------------------|--------------------------------|
| LTE (FDD) bands | 2(1900)/4(1700)/5(850)/12(700) |
| 3G bands | 2(1900)/5(850) |

| RBSXTR&R11e-4G | |
|-----------------|-------------------------------|
| LTE (FDD) bands | 3/7/20/31 (1800/2600/800/450) |
| LTE (TDD) bands | 41n/42/43 (2500/3500/3700) |

