SXT LTE kit / 4G kit

The SXT LTE kit is a device for remote locations that are within cellular network coverage. However, due to it's 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)



