SXT LTE6 kit

The evolution of affordable connectivity in remote areas

SXT LTE6 kit is a device for remote locations that are within cellular network coverage. Due to its advanced LTE chip design and high gain antenna, it can provide connectivity for your building even where cell phones fail.

The new SXT LTE6 features a CAT6 LTE modem, which enables carrier aggregation and allows the device to use multiple bands at the same time. A huge advantage when there are a lot of LTE users in the area. It provides better responsiveness in a crowded environment and higher efficiency for weaker signal situations in the countryside. We have seen Internet speed doubling in rural areas after switching to CAT6, so there is no need to wait for cable network expansions.





24 V 0.38 A power adapter



PoE injector



Metal ring



Pole mounting bracket

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. It also has two Micro SIM slots for backup link. Unit is shipped with a 24 V power supply, but can support full range 18-57 V and is 802.3af/at compliant.



Specifications

Product code	RBSXTR&R11e-LTE6
CPU	QCA9531 650 MHz
Size of RAM	64 MB
Storage	16 MB flash
Number of 10/100 Ethernet ports	2
LTE antenna gain	9 dBi
Antenna beam width	60°
LTE category	6 (300 Mbps downlink, 50 Mbps uplink)
3G category	R7 (21 Mbps downlinks, 5.76 Mbps uplink) R8 (42.2 Mbps downlink, 5.76 Mbps uplink)
2G category	Class12
Micro SIM slots	2
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
Supported input voltage	18 - 57 V (Passive PoE, 802.3af/at on Ether1)
Dimensions	140 x 140 x 103 mm
Operating ambient temperature	-30°C .. +70°C
License level	3
Max power consumption without attachments	7 W
Max power consumption	21 W

Please, make sure to check the max speed of Ethernet ports to see compatibility with your desired setup.

Supported bands

LHG LTE6 kit

LTE (FDD) bands	1(2100)/2(1900)/3(1800)/5(850)/7(2600)/8(900)/12(700)/17(700)/20(800)/25(1900)/26(850)
LTE (TDD) bands	38(2600)/39(1900)/40(2300)/41n(2500)
3G bands	1(2100)/2(1900)/5(850)/8(900)
2G bands	2(1900)/3(1800)/5(850)/8(900)

Supported 2xCA LTE bands

1+1/5/8/20	2+2/5/12/17	3+3/5/7/8/20	7+7/8/12/20	8+8
12+12	38+38	39+39/41	40+40	41+41

Antenna gain patterns



