SXT Lite5 ac

The SXT Lite5 ac is a new low cost device in our 802.11ac product lineup.

Unit is equipped with powerful 650 MHz CPU, 64 MB RAM, 10/100 Mbps Ethernet port and has 5 GHz 16 dBi 28 degree beamwidth antenna.

The SXT Lite5 ac supports 256-QAM modulation and 80 MHz channels, so you get more speed per same frequency width as 802.11 devices. It also supports 802.11a/n, Nv2, Nstreme mode and is compatible with all legacy RouterBOARD devices. new industrial wireless chip QCA-9892 provides support for 5/10 MHz channel width for 802.11an standard.

The SXT Lite5 ac has a 2.4 GHz management interface (supports only one connection) - if you enable it first over Ethernet, you can connect to the device with your 2.4 GHz laptop or phone to do the configuration.





24 V 0.38 A power adapter



Metal ring



PoE injector



Pole mounting bracket

Specifications

Product code	RBSXT5HacD2n (International), RBSXT5HacD2n-US (USA)			
CPU nominal frequency	650 MHz			
Size of RAM	64 MB			
Storage	16 MB Flash			
10/100 Ethernet ports	1			
Wireless bands	5 GHz radio		*2.4 GHz radio	
Wireless regulations	Specific frequency range may be limited by country regulations			
Channel width	5**/10**/20/40/80 MHz		5/10/20/40 MHz	
Operating frequency	International	5150 - 5875 MHz	International	2412 - 2484 MHz
	USA	5170 - 5250 MHz 5725 - 5835 MHz	USA	2412 - 2462 MHz
Protocols	802.11ac		802.11b/g/n	
Chains	Dual-chain		Single-chain	
Antenna gain	16 dBi		1.5 dBi	
Antenna beam width	28°		360°	
Wireless chip model	QCA9892		QCA9531	
PoE in	Yes			
Supported input voltage	9 V - 30 V			
Dimensions	140x140x56mm			
License level	3			
Operating System	RouterOS			
CPU	QCA9531			
Max Power consumption	8 W			

Wireless specifications

RATE (2.4 GHz)	Tx (dBm)	Rx (dBm)
1MBit/s	17	-93
11MBit/s	17	-86
6MBit/s	17	-90
54MBit/s	15	-71
MCS0	17	-90
MCS7	13	-68

RATE (5 GHz)	Tx (dBm)	Rx (dBm)
6MBit/s	29	-96
54MBit/s	26	-81
MCS0	29	-96
MCS7	25	-77
MCS9	22	-72

*2.4 GHz wireless interface is used for management purpose only. if you enable it first over Ethernet, you can connect to device with your 2.4GHz laptop or phone to do the configuration.
**Supports only 802.11an protocol.