

StationBox® XL



Product Datasheet

High Gain CPE Antenna Enclosure
with Integrated 3-Axis Positioning System

StationBox® XL is CPE Enclosure with High Gain Dual Polarization Antenna and Integrated 3-Axis Positioning System. StationBox® XL is made for MikroTik RouterBoards RB911, RB711, RB411 and RB433.

Built-in Directional Hi-Gain Dual Polarization Antennas

StationBox® XL has built-in directional dual polarization antennas. Two models are available: 19dBi MiMo@5GHz and 14dBi MiMo@2.4GHz.

Made For MikroTik RouterBoards RB911, RB711, RB411 and RB433 series

StationBox® XL was designed to be easily integrated with MikroTik RouterBoards RB911, RB711, RB411, and RB433 series.

It is possible to install up to 4 additional SMA-RP bulkhead connectors, so you can fully utilize capacity of RB433: install up to three dual chain wireless cards inside StationBox® XL and feed two external MiMo antennas. Visibility of RouterBoard LEDs is also maintained.



Integrated 3-Axis Mounting Bracket for Wall or Pole Installation

StationBox® XL comes with ultimate mounting solution called 3-Axis Positioning System directly from factory. 3-Axis positioning system allows you to set StationBox® XL in three axis using ball hinge. By ability to set azimuth, elevation and rotation, you can unleash maximum possible transmission efficiency of MiMo Dual polarization wireless links.



Easy Installation



Our newest generation of 3-Axis bracket uses ball hinge with special fast locking system that can be operated using single hand. Installation of the bracket alone is done in first step,

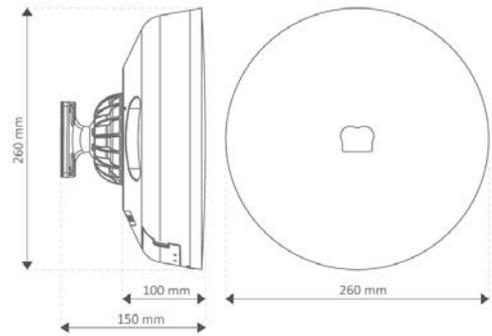
than StationBox® XL can be mounted and set to position with ease and speed never seen before. Installation on the pole as well on the wall is possible.

Built To Last

StationBox® XL is made of high quality UV resistant ABS plastic. Bracket Base is made of Diecast Aluminium. All Hardware is made of Stainless Steel.

TECHNICAL DATA

Material	UV stabilized and weather resistant ABS plastic, Diecast Aluminium, Stainless Steel
Flame Rating	UL 94 HB
Mounting Diameter	50-70 mm
Operating Temp.	-30 to +60 °C
Wind Survival	120 Km/h
Weight	1.7 Kg / 3.75 lbs – single piece incl. package 18 Kg / 39.7 lbs – carton (10 pcs)
Single Piece	Retail Box: 34 × 27 × 10 cm
10 pcs Box	Carton Box: 35 × 28 × 101 cm



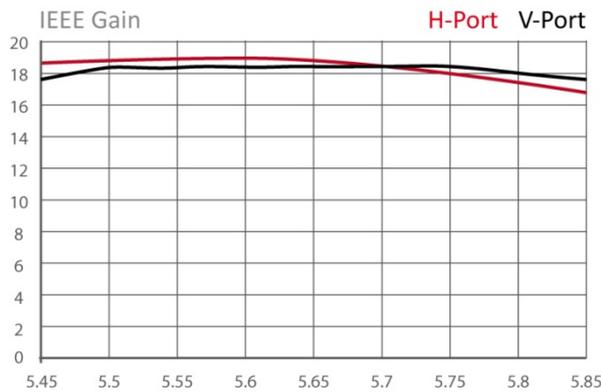
SUPPORTED BOARDS

MikroTik™ RouterBoards	RB433, RB911, RB711 and RB411 series
------------------------	--------------------------------------

ANTENNA PARAMETERS	5GHz 19dBi MiMo	2.4GHz 14dBi MiMo
Product ID:	SBXXL519	SBXXL214
Frequency Range:	5470-5850 MHz	2400-2485 MHz
Polarization:	Dual linear, Horizontal and Vertical	Dual linear, Horizontal and Vertical
Gain (IEEE - w/antenna loss), max*	19.0 dBi	14.0 dBi
Beamwidth, azimuth (H) plane*	15°	30°
Beamwidth, elevation (V) plane*	14°	31°
Front/Back ratio*	>24 dB	>24 dB
VSWR:*	max 1.5 (typical 1.25)	max 1.5 (typical 1.25)
Isolation between ports	27 dB	25 dB
Impedance:	50 Ohm	50 Ohm
Max. Input Power:	2 W	2 W
Antenna Connector(s):	2 x MMCX	2 x MMCX

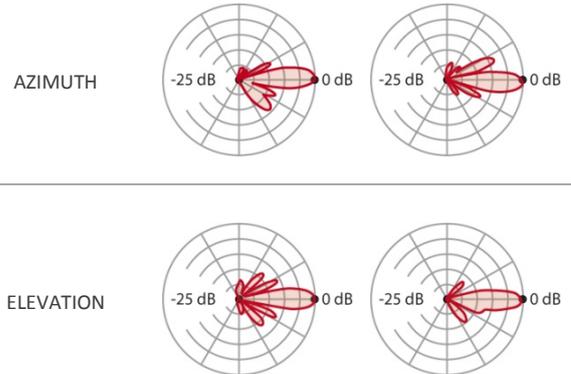
* At frequency band center

5GHZ 19DBI MIMO

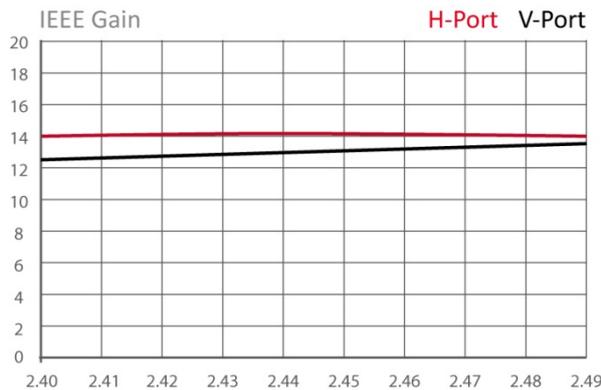


HORIZONTAL

VERTICAL



2.4GHZ 14DBI MIMO



HORIZONTAL

VERTICAL

