

# StationBox® XL

MiMo Antenna Enclosure  
with Integrated  
3-Axis Positioning System

## Product Datasheet

StationBox®XL is MiMo Antenna Enclosure with integrated 3-Axis Positioning System Mount. StationBox®XL is made for MikroTik RB711, RB411 and RB433 series.

### Built-in Directional Hi-Gain Dual Polarization Antennas

StationBox® XL has built-in directional dual polarization antenna: 19dBi MiMo@5GHz or 14dBi MiMo@2.4GHz.

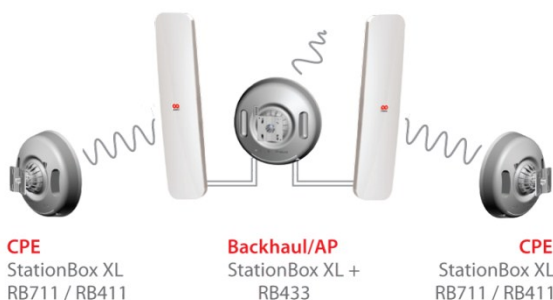
### Made For Mikrotik RouterBoards RB411, RB711 and RB433 series

StationBox® XL was designed to incorporate MikroTik RouterBoards RB411, RB711 and RB433 series. RouterBoards are easy to attach and easy to install using special drawer. Visibility of RouterBoard LEDs is also maintained.



### Versatility of Use

StationBox® XL allows you to install additional 4 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 additional external MiMo antennas.



### Integrated 3-Axis Mounting Bracket for Wall or Pole Installation



StationBox® XL comes with ultimate positioning solution called 3-Axis Positioning System directly from factory. 3-Axis positioning systems allows you to unleash maximum possible transmission effectivity of MiMo Dual polarization wireless links.

### Easy Installation

Our newest generation of 3-Axis positioning bracket uses ball hinge with special fast locking system that can be operated using single hand. StationBox® XL can be mounted on the pole or on the wall.



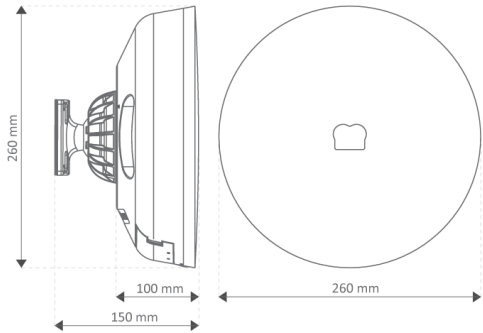
### Built To Last

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

Made for <b>MikroTik</b>	<b>MIMO</b> MULTIPLE IN MULTIPLE OUT	DESIGNED FOR <b>RB411</b>	DESIGNED FOR <b>RB433</b>	DESIGNED FOR <b>RB711</b>
<b>5</b> GHz	<b>2.4</b> GHz	<b>3-AXIS</b>	<b>AL</b> ALUMINIUM	<b>ABS</b> PLASTIC
<b>WALL</b> MOUNT	<b>POLE</b> MOUNT	<b>WEATHER</b> RESISTANT	<b>UV</b> RESISTANT	<b>FROST</b> RESISTANT

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



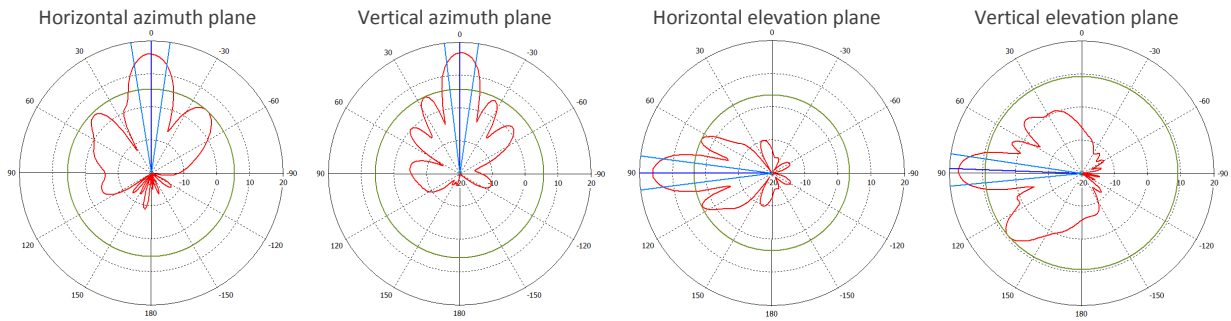
SUPPORTED BOARDS

MikroTik™ RouterBoards	RB711, RB433 , RB411 series
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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

RADIATION PATTERNS 5GHZ 19dBi MIMO



RADIATION PATTERNS 2.4GHZ 14dBi MIMO

