

# MAVI AGS-17GHz

For 5GHz Mikrotik Devices - 802.11n/ac

## *Technical specification*

<b>Device model</b>	<b>MAVI AGS-17</b>
<b>Frequency Range for 17 GHz</b>	<b>17.1 – 17.3 GHz</b>
<b>Frequency Range for 5 GHz</b>	<b>5180 – 5300 MHz</b>
<b>Type of Work</b>	<b>802.11n/ac, 2TX, 2RX MIMO</b>
<b>Sector Antenna Gain for 17,2 GHz</b>	<b>16dBi</b>
<b>Transmit power for 17GHz (without the antenna)</b>	<b>2 x -26 dBm to 2 x 10 dBm</b>
<b>Radiated Power of the Transverter</b>	<b>2 x -10dBm EIRP to 2 x 24dBm EIRP</b>
<b>Power Range Control for 5GHz</b>	<b>2 x -4 dBm to 2 x 30 dBm</b>
<b>Receiver Strengthening</b>	<b>3 dB +/- 1 dB</b>
<b>Number of Receivers Noise Figure</b>	<b>3,5 dB +/- 0,5 dB</b>
<b>The Frequency of the Local Oscillator</b>	<b>11960 MHz</b>
<b>Phases Noise of The Local Oscillator</b>	<b>-96 dbc/Hz in distance 10 kHz from carrier -120 dbc/Hz in distance 100 kHz from carrier -140 dbc/Hz in distance 1M Hz from carrier</b>
<b>Stability of the Local Oscillator</b>	<b>0,5ppm (-30°C to 60°C ) 0,01ppm after 10 minutes, when GPS is Fix</b>
<b>Ports</b>	<b>1000/100/10 Ethernet 802.3at PoE</b>
<b>Rated Voltage</b>	<b>PoE -24V DC, 802.3at compatible</b>
<b>Power Supply</b>	<b>9 W (without Platform 5GHz)</b>
<b>Operating Temperature</b>	<b>-30°C to 60 °C</b>
<b>Class</b>	<b>IP - 67</b>
<b>Dimensions</b>	<b>220mm x 220mm x 70mm</b>
<b>Weight</b>	<b>2 kg</b>
<b>Antenna types</b>	<b>Sector - 68° H / 12° V</b>