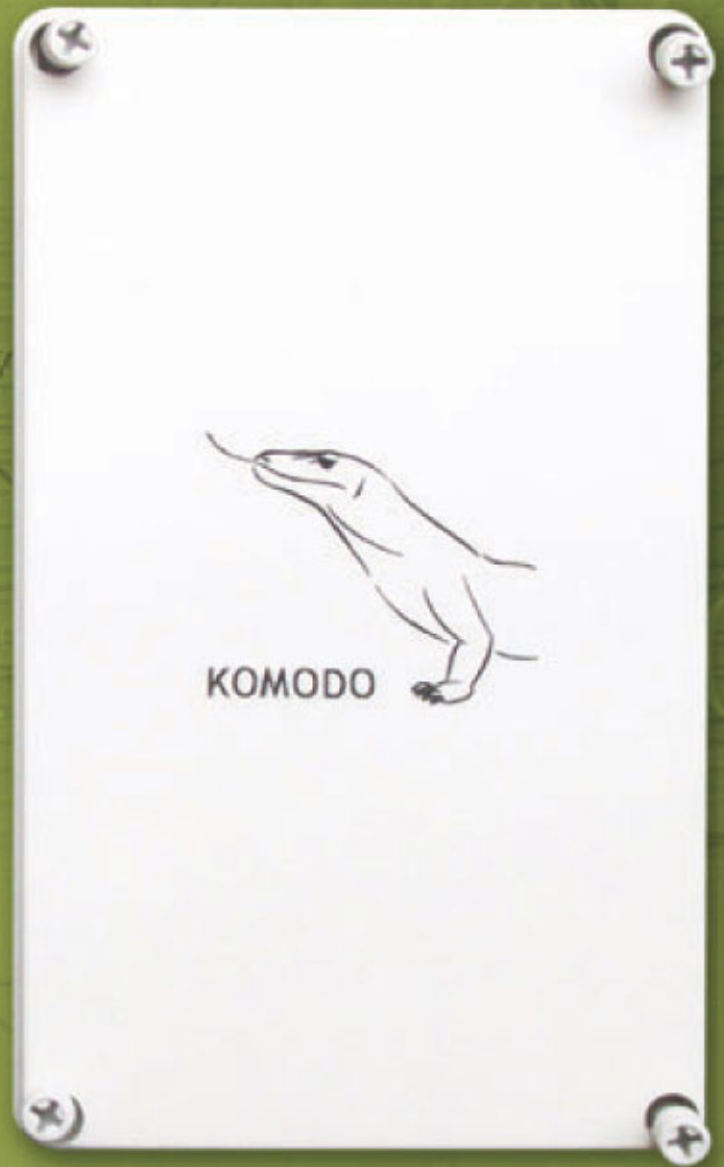




BORNEO<sup>2</sup>



*Wireless Infrastructure Systems*

Special design for outdoor usage with two radios at different frequency in one box with web base control parameter. One radio as a backbone and second radio for distributing to client. Marveleos is operating system for Komodo software, that can control up to 10 radios at one time with bandwidth more than 500Mbps. High bandwidth delivery with easy to operate systems.



## Technical Specification

<b>Processor</b>	: AMD Geode 266 MHz																										
<b>Memory</b>	: 128 MB																										
<b>Connectivity</b>	: 2 miniPCI slots, 1 Ethernet port, 1 serial port (console)																										
<b>Storage</b>	: Marvellous Operating system and Komodo Wireless Control																										
<b>Power</b>	: 3 to 5W at 12V DC (excluding miniPCI cards), supplied through DC jack or POE - Power Over Ethernet. Acceptable range +7V to +18V DC																										
<b>Management</b>	: Watchdog timer built into CPU, LM77 thermal monitor stops system on excessive temperature (80°C), RTC - Real Time Clock works with our installed battery																										
<b>Radio</b>	: Chipset Atheros AR5213 MAC/BB and Atheros AR2112 ROC																										
<b>Transmit Power</b>	: <table border="0" style="margin-left: 20px;"> <tr> <td>Rate</td> <td>Power</td> </tr> <tr> <td>1-24 Mbps</td> <td>26 dBm, +/- 1dB</td> </tr> <tr> <td>36 Mbps</td> <td>24 dBm, +/- 1dB</td> </tr> <tr> <td>48 Mbps</td> <td>22 dBm, +/- 1dB</td> </tr> <tr> <td>54 Mbps</td> <td>21 dBm, +/- 1dB</td> </tr> </table>	Rate	Power	1-24 Mbps	26 dBm, +/- 1dB	36 Mbps	24 dBm, +/- 1dB	48 Mbps	22 dBm, +/- 1dB	54 Mbps	21 dBm, +/- 1dB																
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<b>Current Consumption @3.3V</b>	: <table border="0" style="margin-left: 20px;"> <tr> <td>Transmit</td> <td></td> </tr> <tr> <td>1-24 Mbps</td> <td>1300mA, +/-100mA</td> </tr> <tr> <td>36 Mbps</td> <td>800mA, +/-100mA</td> </tr> <tr> <td>48 Mbps</td> <td>700mA, +/-100mA</td> </tr> <tr> <td>54 Mbps</td> <td>600mA, +/-100mA</td> </tr> <tr> <td>Receive</td> <td>350mA, +/-50mA</td> </tr> </table>	Transmit		1-24 Mbps	1300mA, +/-100mA	36 Mbps	800mA, +/-100mA	48 Mbps	700mA, +/-100mA	54 Mbps	600mA, +/-100mA	Receive	350mA, +/-50mA														
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<b>Compliance</b>	: CE (SR2E, 200mW version) FCC ID: SWX-SR2																										

Antenna  
Semi Parabolic Grid  
3<sup>o</sup> - 24 dB

Komodo - Borneo 2

Antenna  
Slotted Wave Guide  
120<sup>o</sup> - 13 dB