

Element BAM Create Bluetooth I19-10542 \$59.95



The Element Direct BAM (Bluetooth Adapter Module) enables wireless control of the iRobot Create robot from any Windows, Mac or Linux computer, or any other Bluetooth enabled device. The BAM connects to the Create's cargo port to create a virtual serial port.

More Details

The BAM is a wireless serial cable replacement that uses the Serial Port Profile (SPP) to provide a means to send and receive serial packets to the iRobot Create mobile robot. The BAM allows the Create robot to be driven remotely with a PC hosted web server. It also allows you to run complicated algorithms on a host computer and communicate with the Create in realtime or program the Create using Microsoft Robotics Studio, RoboRealm or your own PC software.

Bluetooth Specifications	
Device Name	Element Serial
Pairing Passkey	0000
Available services	SPP
RF power	Class 1 Bluetooth
Baudrate	57600
Parity	None
Data bits	8
Stop bits	1
Hardware Flow Control	None
Software Flow Control	None

General Specifications	
Operating Frequency	2.4 GHz
Voltage	5 V
Current	100 mA maximum
Internal Antenna Multilayer Chip, Peak Gain	0.5 dBi
Operational Range	91 meters (298.55 ft)
Operating Temperature	0 to 50 °C
Size	55 x 55 x 16 mm (2.16 x 2.16 x 0.062 in)

