

S1A Add-on kit to S1

S1A is an add-on set of SMART:Blox to the **S1 Basic kit** offering more Input and Output devices and **more extensive programming**. It offers the possibility to create more complex STEAM projects and enhance greater skills in algorithmic and programming logic.



Below are the devices used in the S1 A kit:

S1A Add-on kit to S1	Pcs	
SB 15 White LED	1	
SB 16 Tone Buzzer	1	
SB 17 Analog Temperature Sensor	1	
SB 18 LDR Sensor	1	
SB 19 Analog Angle Sensor	1	
SB 20 Vibration Sensor	1	
SB 21 Fan Motor with blades	1	
SB 22 Motor - Servo	1	
SB 23 Laser	1	
SB 50 RJ 11 Adapter Universal	1	

For each device in the ARDicon database there is a specific icon to be used. Each device has a separate icon also for describing its state, for example ON or OFF, High or Low.

WHITE LED ON		Tone Buzzer ON		Analogue Temperature °C	
LDR ON		Angle Degrees °		Vibration Sensor ON	
ON		ON		Laser ON	
15		16		18	

Below are **indicative project themes** that can be performed using the S1 A add-on set:

Project Themes	C-STEAM	Level
Temperature measuring	A	BASIC
Light-controlled lamp	A	BASIC
Visible analog value	A	BASIC
Magnetic field detecting	A	BASIC
Touch alarm	A	BASIC
Button-controlled lamp	A	BASIC
Automatic Car Lights	A	1
Train Crossing Bar Opening Control	A	1
Temperature control in a refrigerator	A	1
Greenhouse: Temperature/Humidity Monitoring	A	1
Thermostat/refrigerator operation	A	1
SMART waste bin	A	1
Magnetic card Entrance control	A	1

