

NAVIGATION CAMERA



MASS	200 g
COST	\$200
DATA	1

HI-RES VIDEO CAMERA



MASS	300 g
COST	\$500
DATA	3

INFRARED CAMERA



MASS	400 g
COST	\$700
DATA	3

INFRARED THERMOMETER



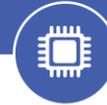
MASS	200 g
COST	\$100
DATA	2

CARBON DIOXIDE SENSOR



MASS	100 g
COST	\$200
DATA	2

SULFUR DIOXIDE SENSOR



MASS	100 g
COST	\$400
DATA	3

AEROSOL SENSOR



MASS	100 g
COST	\$500
DATA	3

HUMIDITY SENSOR



MASS	100 g
COST	\$100
DATA	1

ADVANCED BATTERY



MASS	500 g
COST	\$500
ENERGY	60

HIGH CAPACITY BATTERY

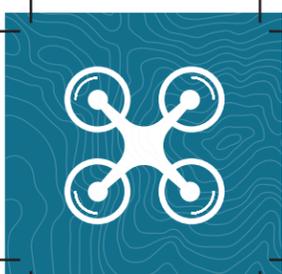


MASS	600 g
COST	\$200
ENERGY	60

STANDARD BATTERY



MASS	500 g
COST	\$150
ENERGY	50



NOTE -- these need to be cut out individually after all the equipment cards are cut out. The cutlines do not match up

INFRARED CAMERA



Takes pictures with infrared (IR) light, which shows heat.

HI-RES VIDEO CAMERA



This high resolution camera shows more details than a navigation camera.

NAVIGATION CAMERA



Lightweight and cheap, this camera lets you see where your drone is going.

SULFUR DIOXIDE SENSOR



Detects sulfur dioxide (SO_2), a gas that many volcanoes give off.

CARBON DIOXIDE SENSOR



Detects carbon dioxide (CO_2), a gas that most volcanoes give off.

INFRARED THERMOMETER



Used to measure temperature from a distance.

HUMIDITY SENSOR



Detects water vapor. Some volcanic eruptions include lots of steam.

AEROSOL SENSOR



Detects tiny particles such as dust, smoke, volcanic ash, or pollen.

STANDARD BATTERY



Basic, least expensive battery. Good to start with.

HIGH CAPACITY BATTERY



More energy and a longer charge, but also weighs more.

ADVANCED BATTERY



More energy and a longer charge, but also more expensive.

