

**Electronic Resources Available to Participants of  
DreamCatchers MedTech Hackathon 2017**

Type	Item	Description	Qty	Unit USD	Ref
Raspberry Pi	E-001	Raspberry Pi 3 Model B SBC	5	40.00	raspberrypi.org
	E-002	Raspberry Pi NiNoir Camera Module V2	1	29.00	
	E-003	Raspberry Pi Camera Module V2	2	29.00	
	E-004	Raspberry Pi 7" Touch Screen LCD	2	74.00	
	E-005	Raspberry Pi Case (Black)	2	8.50	
	E-006	Raspberry Pi 3 Case (Red)	5	8.50	
Arduino	E-007	HC-SR501 Infra-Red Sensor	1	10.00	arduino.cc
	E-008	Arduino UNO Sensor Shield V5.0	1	10.00	
	E-009	Arduino Micro	4	24.00	
	E-010	9V1A PSU for Arduino Uno MEGA	2	6.00	
	E-011	GY-521 MPU-6050 Gyro Module	1	3.00	
	E-012	Arduino MEGA Sensor Shield V2.0	2	10.00	
	E-013	Arduino Leonardo R3 SBC	1	10.00	
	E-014	Arduino MEGA2560 R3 SBC	2	12.00	
	E-015	Arduino Prototype Mini Module	2	5.00	
	E-016	Arduino Mini V05 Light	5	15.00	
	E-017	Arduino UNO Sensor Shield V4.0	1	6.00	
	E-018	Arduino HC-06 Bluetooth Module	2	8.00	
Sensors	E-019	ov7670 camera with AL422 FIFO	2	20.00	elegoo.com
	E-020	MQ-7 Carbon Monoxide gas sensor	2	8.00	
	E-021	GP2Y1010AU0F Optical Dust Sensor	2	9.00	
	E-022	SR04T ultrasound distance Sensor	2	15.00	
	E-023	HX711 pressure sensor	2	7.00	
	E-024	NTC 100K 3950 themister	5	2.00	
	E-025	SW-18010P motion sensor	2	5.00	
	E-026	DHT22 digital thermometer	2	5.00	
	E-027	PH sensor	1	26.00	
	E-028	37 sensors collection* (price for each)	3	1.50	
MicroPython & PyCom	E-029	PyCom WiPy 2.0	4	22.00	micropython.org
	E-030	PyCom LoRy Board	4	34.00	
	E-031	Pycase Clear	4	9.00	
	E-032	PyCom PySense	2	28.00	
	E-033	PyCom PyTrack	2	40.00	
	E-034	PyCom Expansion Board 2.0	4	18.00	
	E-035	External WiFi Antenna	4	9.00	
	E-036	MicroPython pyboard v1.1	2	36.00	
	E-037	Colour LCD with touch screen LCD160CRv1.0	2	37.00	
	E-038	Audio Skin V1.0 for pyboard AMPv1.0	2	26.00	
Photon	E-039	Photon with Header	5	19.00	particle.io
	E-040	RedBear Duo (Wifi + BLE)	2	25.00	
	E-041	Internet Button	2	98.00	
	E-042	Wi-Fi Antennas	2	20.00	