

	Link	Observation	Unitary Price	Unit (Euro if not specified)	Quantity	Total	
NXShield-M pour Arduino Mega	<a href="http://www.generationrobots.com/nxshield-m-pour-arduino-mega-ou-arduino-adk-mindsensors.fr.4.NXShield-M-Arduino.cfm">http://www.generationrobots.com/nxshield-m-pour-arduino-mega-ou-arduino-adk-mindsensors.fr.4.NXShield-M-Arduino.cfm</a>	also at robotshop: <a href="http://www.robotshop.com/eu/productinfo.aspx?pc=RB-Min-29&amp;lang=fr-CA">http://www.robotshop.com/eu/productinfo.aspx?pc=RB-Min-29&amp;lang=fr-CA</a>	98,5		0	0	
	<a href="http://www.mindsensors.com/index.php?module=pagemaster&amp;PAGE_user_op=view_page&amp;pageid=131">http://www.mindsensors.com/index.php?module=pagemaster&amp;PAGE_user_op=view_page&amp;pageid=131</a>	this one enables to add some other shields on top, needed for the Xbee/Wifi!	99,95	\$	1	99,95	
NXShield-M pour Arduino Mega (Extensible)	<a href="http://www.generationrobots.com/support-de-6-piles-aa-avec-encoches-pour-lego-nxt-mindsensors.fr.4.6-AA-Battery-Holder-NXT-Mounts.cfm">http://www.generationrobots.com/support-de-6-piles-aa-avec-encoches-pour-lego-nxt-mindsensors.fr.4.6-AA-Battery-Holder-NXT-Mounts.cfm</a>	here also: <a href="http://www.mindsensors.com/index.php?module=pagemaster&amp;PAGE_user_op=view_page&amp;pageid=131">http://www.mindsensors.com/index.php?module=pagemaster&amp;PAGE_user_op=view_page&amp;pageid=131</a>	12,5		1	12,5	
	<a href="http://www.pilesmoinscher.com/piles-1r6-lr06-aa-rechargeables-nim/pile-nimh-aa-2600-mah-1-2v-tenergy-131.html">http://www.pilesmoinscher.com/piles-1r6-lr06-aa-rechargeables-nim/pile-nimh-aa-2600-mah-1-2v-tenergy-131.html</a>	alim should be between 6.6V (min for the lego motors) and 10.5V max. those are 1.2V batteries, which makes 7.2 V total. it is the cheapest and easiest solution if we use the above item to hold the batteries	2		12	24	
pile rechargeable	<a href="http://www.pilesmoinscher.com/chargeurs/cha-ultra-rapide-1r6-aaa-lr3-aa-ecran-lcd-tenergy-tn156-267.html">http://www.pilesmoinscher.com/chargeurs/cha-ultra-rapide-1r6-aaa-lr3-aa-ecran-lcd-tenergy-tn156-267.html</a>	would be great to find a 6 slots charger	17		2	34	
	<a href="http://www.robotshop.com/eu/blindage-xbee-arduino-2.html">http://www.robotshop.com/eu/blindage-xbee-arduino-2.html</a>	more complete that the one below	12		1	12	
Xbee/Wifiy Shield	<a href="http://www.robotshop.com/eu/module-communication-xbee-shield-dfrobot-xbee-2.html">http://www.robotshop.com/eu/module-communication-xbee-shield-dfrobot-xbee-2.html</a>		10		0	0	
Xbee/Wifiy Shield	<a href="https://www.sparkfun.com/products/10822">https://www.sparkfun.com/products/10822</a>	this enable standard wifi connection, should find a european supplier if possible	35	\$	1	35	
	<a href="http://www.robotshop.com/eu/module-xbee-1mw-maxstream-sfe-antenne-fil.html">http://www.robotshop.com/eu/module-xbee-1mw-maxstream-sfe-antenne-fil.html</a>	in case we choose Xbee, need 2	23		0	0	
USB to Xbee interface	<a href="http://www.robotshop.com/eu/module-usb-xbee-parallax-2.html">http://www.robotshop.com/eu/module-usb-xbee-parallax-2.html</a>	in case we choose Xbee, need 1	21		0	0	
	<a href="http://www.robotshop.com/eu/productinfo.aspx?pc=RB-Spa-586&amp;lang=fr-CA">http://www.robotshop.com/eu/productinfo.aspx?pc=RB-Spa-586&amp;lang=fr-CA</a>	we have one Inertia Measurement Unit in stock (the one mathieu is using). compatible with arduino (code available), give 3 axis accelero, 3 axis gyro and 3 axis magneto. + on board kalman filter to compute absolute orientation. infrared/ultrasound distance sensor..					
sensors ?							
other sensors ?							
STUFF I SAW							
lego motor	<a href="http://www.generationrobots.com/servomoteur-interactif-lego-mindstorms-nxl.fr.4.Servomoteur-Lego-NXT.cfm">http://www.generationrobots.com/servomoteur-interactif-lego-mindstorms-nxl.fr.4.Servomoteur-Lego-NXT.cfm</a>						
	<a href="http://www.generationrobots.com/roue-omnidirectionnelle-pour-robot-lego-mindstorms-nxt.fr.4.Holonomic-wheel-NXT.cfm">http://www.generationrobots.com/roue-omnidirectionnelle-pour-robot-lego-mindstorms-nxt.fr.4.Holonomic-wheel-NXT.cfm</a>	to do this : <a href="https://www.youtube.com/watch?v=KXEpNICqUE#t=2m0s">https://www.youtube.com/watch?v=KXEpNICqUE#t=2m0s</a>					
omnidirectional wheel	<a href="http://www.generationrobots.com/roue-omnidirectionnelles-rotacaster-pour-nxt-hitechnic.fr.4.2-NXT-Rotacaster-wheel.cfm">http://www.generationrobots.com/roue-omnidirectionnelles-rotacaster-pour-nxt-hitechnic.fr.4.2-NXT-Rotacaster-wheel.cfm</a>	<a href="http://www.generationrobots.com/roue-omnidirectionnelles-rotacaster-pour-nxt-hitechnic.fr.4.2-NXT-Rotacaster-wheel.cfm">http://www.generationrobots.com/roue-omnidirectionnelles-rotacaster-pour-nxt-hitechnic.fr.4.2-NXT-Rotacaster-wheel.cfm</a>					
omnidirectional wheel	<a href="http://www.robotshop.com/eu/productinfo.aspx?pc=RB-Nex-24&amp;lang=fr-CA">http://www.robotshop.com/eu/productinfo.aspx?pc=RB-Nex-24&amp;lang=fr-CA</a>						
gripper	<a href="http://www.generationrobots.com/pince-lynxmotion-little-grip-avec-servomoteurs.fr.4.NXT-Little-Grip-Servos.cfm">http://www.generationrobots.com/pince-lynxmotion-little-grip-avec-servomoteurs.fr.4.NXT-Little-Grip-Servos.cfm</a>						
					estimated total shipping cost	40	can do better, by buying batteries and charger at a local store