

Chapter 1 : Smart Home Devices: Gadgets and Home Technology Ideas

TECH FIBERS: Your high performance tech gear is in safe hands. Lakeland ARC TECH Flame Resistant Polyurethane Arc Rated Rain Jacket with Zipper Front Closure, Lime/Yellow (Case of 10) by Lakeland Industries Inc.

Gadgets and Home Technology Ideas Advertisement Smart home devices are becoming a part of our everyday life. Like with the mobile phone, we are starting to be addicted, depending on them for our daily actions. As cool home technology advances, so do these home gadgets that we are fond of. We are constantly amazed by the new smart home gadgets created by young and ambitious designers. These smart home appliances and gadgets appear from a necessity of solving the problems that old products have. Besides new and improved functions, these high tech gadgets also come with a beautiful design. This list will be updated with the latest smart home technology from time to time. Wink is the quick and simple way to connect you and your home. Manage hundreds of smart products from the best brands in one simple app. Faster, more reliable and more secure, Wink Hub 2 is the next generation of the Wink Hub that can help you create a smart home system. The sleek, modern industrial design of Hub 2 makes it worthy of standing alone on your coffee table or bookshelf. Works with Amazon Alexa. It is the most powerful and intuitive Harmony remote that works with Alexa. It controls up to 15 devices for seamless control of your entertainment and your home. Wi-Fi enabled smartphone with Android 4. Arlo Pro 2 works with Amazon Alexa to make your smart home security even more simple and effective. August Smart Lock Pro will also automatically lock the door behind you after you leave. Advertisement Lock and unlock your door, control keyless access, and keep track of who comes and goes, all from your phone. Simply use your voice to tell Alexa, Siri or the Google Home to control your lock. With 10, skills and counting, ask ecobee4 to adjust the temperature, read the news, tell you a joke, and more even from across the room. Comes with a room sensor to help manage hot or cold spots in your home. Additional room sensors sold separately. Adjust temperature and comfort settings easily from the ecobee mobile app on your Android and iOS devices, including Apple Watch. For a full list of integrations, visit the official website. Connect to clean from anywhere with the Roomba robot vacuum. The patented 3-Stage Cleaning System is specially engineered to loosen, lift, and suction everything from small particles to large debris from carpets and hard floors. Dirt Detect sensors alert the Roomba robot vacuum to clean more thoroughly on concentrated areas of dirt. Just press clean or schedule Roomba on the go with the iRobot Home App. The Auto-Adjust cleaning head automatically adapts its height to keep the Multi-Surface Brushes in close contact with different floor surfaces, effectively cleaning carpets and hard floors. Withings Thermo Smart Thermometer How advanced is your home technology? Do you have a modern thermostat? Thermos is a temporal thermometer with 16 infrared sensors that provides a medically-approved measurement in 2 seconds while also synchronizing with a dedicated smartphone app to help manage fever episodes. This smart home system is a game changer, even among smart home products. Thermo is CE-cleared, making it compliant to the highest health device standards in the world. This smart home device measures from the temporal artery, considered the best place to detect temperature changes. As Thermo sweeps across the forehead, 16 infrared sensors take over 4, measurements to find the hottest point. This is the revolutionary advance, and is what we call HotSpot Sensor Technology. Step on the scale, and within seconds it takes 10 different essential health measurements, giving you comprehensive data about your health. Body measurements are sent instantly to your smartphone each time you step on, making it easy to track weight loss and health progress. Bio-impedance sensors give you precise results, every time. This is one of the cool products you should have. Yunmai uses BIA bioelectric impedance analysis, which is a commonly used technology. Simply step on the scale to instantly connect your profile and begin pushing data to your app. No additional setup is required, so you can begin tracking instantly. Measures systolic and diastolic blood pressure as well as heart rate. Readings automatically compared to World Health Organization blood pressure standards for an easy understanding of your data. Syncs wirelessly via Bluetooth technology with iOS and Android devices. Multi-user capabilities with personalized monitoring and data for each user. The free Withings Health Mate application offers comprehensive and streamlined data tracking. Easily share data with doctors. The new standard of design and

technology for the Personal Weather Station. Attune your senses, and get new ones Weather and Air Quality monitoring, indoor and outdoor. Measure CO2 concentration and monitor confinement. Get local Air Quality Index report, real-time. Improve your indoor wellness. The Netatmo Station measures indoor temperature, CO2 concentration, noise pollution and humidity in the home. Your Netatmo station also indicates the best moment to ventilate. Get relevant info, take appropriate steps Your Netatmo Weather Station helps you decide about your activities. Monitor over time, get the big picture. Discover weather patterns and cycles. A comprehensive and powerful tool to understand your living environment. Arlo covers every angle to help keep you safe and protected. Stay in total control all the time with this high tech gadget. Listen in and talk back through the built-in speaker and mic straight from your smartphone. Secure your recordings with an USB drive local backup storage option. The Aeon Labs door sensor also has low-battery alerts and offers a simple method of replacing the battery. The Sylvania Lightify Tunable White Bulb produces beautiful high quality light that you can tune, dim, and control from your smartphone or tablet. Easy to setup, just download the Lightify app, bulbs fit into your standard household sockets – no need for installation by an electrician. A wireless network is required to operate bulbs. Create and store scenes. You can even set automated timers, or program the bulb to gradually increase brightness in the morning like the sunrise for a more pleasant, natural alarm. Tunable White can make you feel better and more productive- select a natural daylight color for reading and concentration, or a soft white when it is time to relax. All-New Echo Dot Echo Dot 2nd Generation , another one of the smart home devices in this article, is a hands-free, voice-controlled device that uses Alexa to play music, control smart home devices, provide information, read the news, set alarms, and more. Connects to speakers or headphones through Bluetooth or 3. Controls lights, fans, switches, thermostats, garage doors, sprinklers, and more with compatible connected devices from WeMo, Philips Hue, Samsung SmartThings, Nest, Ecobee, and others. Hears you from across the room with 7 far-field microphones for hands-free control, even in noisy environments or while playing music. Includes a built-in speaker so it can work on its own as a smart alarm clock in the bedroom, an assistant in the kitchen, or anywhere you might want a voice-controlled computer. Amazon Echo is not required to use Echo Dot. More smart home solutions, you say? Robotic Vacuum Cleaner – one of the smart home devices you must have Experience a deeper, multi-room clean every day with the Roomba Vacuuming Robot. Featuring the revolutionary AeroForce Cleaning System, Roomba delivers up to 5x the air power and requires less maintenance. Guided, room to room cleaning allows Roomba to tackle more of your home in one job. Just press clean or schedule Roomba to run up to 7x per week. Roomba works on all floor types, and at just 3. In Lighthouse mode, the devices keep your Roomba cleaning in one room, then send it off to tackle the next room for guided cleaning in up to 3 rooms. Navigates in your unique home, cleaning around clutter and avoiding stairs. Designed to clean under sofas, beds and kickboards. Robotic Mop Designed to mop floors quickly and efficiently, the iRobot Braava Floor Mopping Robot systematically covers your entire floor in a single pass. It uses disposable or microfiber cleaning cloths to pick up dirt, hair and dust from all your hard surface floors including tile, vinyl, hardwood and laminate. The included Turbo Charge Cradle is a convenient, one-stop charging and storage space, charging Braava t in as fast as two hours. Braava has two cleaning modes to choose from depending on the job you need done. In sweep mode, Braava dry mops your floors moving in straight lines using dry cleaning cloths. In mop mode, Braava uses a special back-and-forth mopping action and damp cleaning cloths to lift surface dirt and grime off your floors. Essential Oil Diffuser Create a romantic ambience, wake yourself up, or relax, it is all up to you! Releases your favorite fragrance by ionizing essential oil and producing negative ions, lifts your mood, reduces stress with scented fresh air. Turns water and essential oil into micro-particles improving air quality. Moisturize dry chapped skin, eyes, and lips naturally. Keypad Deadbolt Say goodbye to lost, stolen and just plain forgotten keys. With an easy-to-install Schlage keypad, coming and going is keyless, effortless – and painless.

Chapter 2 : Technology | GearJunkie

The Luci Outdoor is an inflatable solar-powered light that collapses down to just 1 inch, which makes it an ideal addition to your arsenal of camping gear. Each light is waterproof and "super.

These latest advancements in hunting technology will help you find your way to the perfect deep cover spot, record motion-capture snapshots, and even stay hidden in the brush. Not really -- this tech just makes hunting more productive. How does that compare to your scouting camera? This nifty device has five modes: Click [here](#) to find out more. A range compensation feature reports the true distance for a shot by taking into account any uphill or downhill terrain. The rangefinder even has a rain repellent so water beads up instead of coating the lens. Accuracy is within just one yard, plus or minus. The recording is triggered by motion, but you can also set a schedule to record at set times of the day, such as early morning. A night vision mode captures moving objects up to about feet away. Comes with a 2GB flash memory card. The transmitter collar communicates with a handheld GPS. You can tell when your dog is running, sitting, treeing a bird, or pointing by checking a small LCD screen. The Astro system works with up to ten dogs from about nine miles, depending on terrain. When he gets back, you can watch the degree wide angle video recording and fast forward through the activity. The camera is waterproof and rugged, and the vest fits comfortably behind the neck to allow the best video recording. The handheld recorder has a large strap for a better grip in pitch black. Solar panels draw a charge from the sun and store the energy for later power-ups. For rugged outdoor use during a hunt, the Raptor is made of a thick plastic material and is water resistant. Polaris has outfitted the updated model of this popular 4x4 ATV, which is decked out in a camo treatment and branded by the Browning hunting supply store, with an cc engine with twin intake runners -- they help push more air into the engine and increase performance. Tow hooks are available for pulling logs and debris out of the way or retrieving a stuck ATV, and the Outdoorsman can tow a large duck boat, dual-ATVs on a trailer, or a full camper.

Chapter 3 : 20 High Tech Outdoor Camping Gear & Gadgets - Hongkiat

Each issue of the Gear Patrol Magazine comes packed with adventures, guides and stories exclusive to the magazine. Stunningly designed, printed on high quality stock and ready for your coffee table. Biannual. \$

Having a baby is surely the best feeling but taking care of a baby is more complicated and challenging than it seems. You have to be nearby the baby to make sure they are okay and if they need anything or not. The baby gear industry is growing day by day; every year the scientists, designers, engineers, and doctors are coming up with new gadgets that make it easy to take care of infants and newborns. They aim to make the parenting safe, less messy, and efficient. In this post, we have mentioned the smart baby gear every parent, tech-savvy or not, needs. Read on to know about these helpful baby gadgets. Though there is no prevention for SIDS, this monitor will help in keeping a check on your baby. It will check the breathing of your baby and alarm will go off if the breathing stops. Moreover, it can rouse the baby thanks to its vibrating feature. A remarkable thing about this monitor is that it is inexpensive. The only problem with this monitor is that there is no mobile app. If you want to know how to choose a good baby monitor, you can check this guide. The Smart connect Mobile is a great way to keep a check on your baby and keep them entertained. This mobile has the capability to spin on its own and even plays lullabies. Additionally, it can even be used as a nightlight and it can also be used as a projector. This will project images on the inner dome of the mobile. A wonderful feature of the mobile is that you can easily control it through your smartphone. When the baby starts to cry, you will be sent an alert notification. Smart Thermometers There is nothing worse than having a fussing and sick baby trying to avoid being poked with the conventional thermometer. For making it easy to check the temperature of babies, parents can use smart thermometers. The market is flooded with tons of thermometers, all have distinctive features. There are some thermometers that are hour wearable. Most thermometers will help you keep a track on your baby and will alert you if there is something wrong. Robotic Toy Another wonderful invention is the robotic toy for babies. This will help in developing different skills, such as emotional, social interactions, cognitive, and motor skills. There are multiple app integrations that can increase the fun of your baby. It is a great way to make sure they have the much-needed skills. Therefore, thanks to technological advancement, parenting is made easy. Get these wonderful gadgets and maintain the perfect life balance. You will be able to take good care of your baby while you get daily chores done.

Chapter 4 : Best High-Tech Smart Baby Gear Every Parent Needs - reliablecounter blog

Emerging Gear. From next-gen tech to ingenious innovation, our weekly peek at emerging products examines the sometimes cutting-edge, sometimes quirky world of gear design.

By Brian Voo in Gadgets. Updated on September 14, This post is dedicated to the hardworking geek who also has a love for sweet mother nature. If you are into hiking with your family members, traversing the outdoors, climbing hills or peaks and would like to bask in the sounds of nature while keep your gadgets closeby, there are solutions listed here that you will probably love. Compiled in this list are 20 high tech gear and gadgets for your next outdoor adventure or camping trip. For those who have to conduct research in wooded areas, we have also listed some high tech tools to help you document your data, recharge your batteries , give you safe drinking water very important and keep you safe and and on track. An inexpensive solar charged lantern that can produce 80 lumens of light for a 15 square feet area. Easily get clean water by filling the bag up and squeezing the water out through the water filter device. A must have for long hikes or mountain climbs. Waterproof earphones with a built-in microphone for the hiker who likes to listen to an ebook or music while hiking. Fill it with dirty water, turn on the UV cap and shake for 60 seconds for clean, drinkable water. For coffee addicts who need a tasteful espresso every morning throughout their travels, hikes and outdoor adventures. For that picnic by the waterfall with a bunch of friends who want to listen to their favorite tunes. A very slim, rugged, waterproof and portable solar charger that has a USB port and mAh battery for when the clouds block the sun. A multi-tool kit that fits into your pocket with 41 functions including a built-in digital alarm clock, altimeter, barometer, thermometer and LED light. Easily create a fire for cooking where it then uses heat to charge the battery pack. Charge your devices via USB with the battery pack. You can wear it as a jacket and instantly unzip some material to make it into a sleeping bag. It then can deploy a tent over your head for a warm, dry and comfortable sleep. It can wirelessly connect to heart rate monitors and smartphones, and is rechargeable via USB. A waterproof, shockproof, dustproof and freezeproof camera that has Wi-Fi capabilities to wirelessly transfer your content. Also NFC-enabled letting you use your smartphone as a camera remote. A tent that fits into a small bag which is then inflated with an air pump in minutes and can fit 2 to 3 people. A weatherproof powerful camera that can take

High-tech Multi-tool Kit The multi-tool kit of your youth has seen an upgrade. Modern versions feature dozens of functions, including traditional tools, such as a compass, pocket knife, screwdriver, corkscrew, and more.

Friday, 25 August Meaning, you love both nature and technology. If so, this list is for you. The following 10 items are guaranteed to enhance your next outdoor adventure by providing you with stunning aerial photographs, clean drinking water, and tasty espresso no matter how far from civilization you find yourself. Plus, not only is it good for being rescued but also for coordinating things like stepping away from camp to gather firewood or while one person is fishing and the other is back at camp setting up for supper. Use your drone to capture stunning photos and video that will help you stand out on social media. Hiking to a waterfall? Your drone can film the fun from above and provide a truly unique perspective. You can eliminate the need for bottled water with a small water purifier capable of filtering freshwater sources. The device is USB-rechargeable, and a single charge gets you 40 half liters of water. Espresso Every Morning Fancy a fancier coffee on your camping trips and hikes? The Handspresso pump is a small, portable espresso maker. It requires no batteries. You simply pump it, add some grounds, and pour hot water through it for quick and easy espresso. High-tech Multi-tool Kit The multi-tool kit of your youth has seen an upgrade. Modern versions feature dozens of functions, including traditional tools, such as a compass, pocket knife, screwdriver, corkscrew, and more. It also has some unusual features, such as it functions as a thermometer, barometer, and altimeter. Eco-Friendly Batteries True outdoorsmen understand the necessity of leaving behind a small carbon footprint when adventuring in the wild. EcoAdvanced batteries are a great way to go green on your next trip. Mini-tents Now you can purchase tents that are mini-sized, which leaves more room in your backpack for other gadgets. The tents are inflated using an air pump and typically sleep two to three people. It only takes a couple minutes to inflate the tent, and a few more to deflate it and fold it back into its bag. It generates electricity from its fuel sources, which can be found all around you. Sticks, twigs, pinecones and more fuel this unique device. These unique devices work in low light, so you can expect to gain a charge even on cloudy days. High-pressure Showers A travel pressure shower provides some comfort away from home. It sits on the ground, is warmed by the sun, and is activated by a foot pump. They can play music, access applications, and take pictures. Your next wilderness adventure will be made even better with high-tech gadgets.

Chapter 6 : Restoring the water repellency of your High-Tech Rain Gear by Pat Keating |

The golf tech pinpoints the pin, gives you a neurotic amount of data on your putting game, and keeps you cool under pressure. Here are seven game-changers – including a swing sensor, smart ball, and a high-powered rangefinder – to keep the double-bogeys at bay.

Written by gadgetsk Whether you travel for 15 minutes or for hours, going for any vacation trip or in trekking through nature, the way you carry all your necessary gear can definitely affect your journey. So, you always have to ensure that you have an organized backpack which can handle all the stuff while keeping it in reach during your journey. Today Backpack means not just sacks of canvas with straps on them anymore. The new era of world in this 21st century is full of smart, high technology backpacks as well as laptop bags which are capable enough of doing lots of modern digital activities including streaming videos, playing music, creating light, charging your mobile phone and even escaping airport security. What type of Backpacks should you carry on your next trip? The art of commute is something about which many of us never need to master. So, to carrying everything according to the purpose of your trip is the main highlight. Going for work, you probably need to carry of your lunch, some snacks, all workout gear and definitely something which will keep you entertained on public transportation. Again for another purpose of trip, the backpack should be in another way. So, all of this can really add up with the right backpack that will ultimately make or break your commute. Take a look at the best Smart Backpacks with innovative technology that will keep everything safe and secure that you need. If you are going for a long trip where your phone can die before you have reached the spot, then this awesome solar powered hiking backpack from ECEEN would be the right choice for you. It has built in a solar panel that is woven into the main fabric which can even charges your phone, tablet, e-reader and many other electronic devices. If you are day hiking or travelling the whole day, you can maintain enough power that you can snap as many pictures as you want or can able to read about the nature of your trip through internet without any risk of running it to zero percent. Solar power hiking pack that can charge your electronic devices including mobile, tablet etc. Its integrated hydration pack can able to holds up to 1. The bag has an 8 liter compartment to store food, cloths, books and other essential accessories. As it is providing both water and power, so you can say that the backpack is a great addition as survival kit. It just needs three hours in direct sunlight which is enough to charge your most devices. It includes a small and lightweight removable high capacity battery pack that is able to store solar power so that you can utilize it whenever you need. It can able up to 1. It has 5 watt sun power black solar panel which can charge your phone as quick as it charges at home using Sun power high efficiency cells. The solar panel inside it coated ETFE coating, not PET so that it can withstand against any exploitation and last outside at least 3 times longer than any other competitor products. Not only the main storage, it has also 2 interior pockets, front and side pockets for charging small electronic devices. If you are planning for trekking and love to listening music, then this backpack is perfect for you. Play music while trekking through the woods or may be resting in your campground with this rocking, rough and long-lasting Bluetooth speaker backpack. It has advanced connectivity technology with lighting fast Bluetooth that can pair it up to 65 feet away. The outer portion of this backpack is hard and rugged to protect everything inside it. Suppose you are trekking in the rain all day long or drop into water but its outer material will protect everything without ruining the sound. Trakk Shell has lightning-fast Bluetooth to brag Advanced connectivity Technology so that you can pair it up to 65 feet away. It has powerful 20 watt output capable for playing upto 12 hours. It also consist sub woofer which utilizes max-bass technology. This weatherproof backpack has built in speaker, internal USB power bank with mAh battery which can provide full charges of any two of your devices. This is Ground Venture 2: However, it is not the cheapest one, but this laptop pack is one of the best. It has built in WiFi hotspot that is you can stay connected to the online world wherever you go. You will get high speed connections anywhere whether in train, in flight, in coffee shop, no matter wherever you are. So you need not to worry about anyone sneaking off it without noticing. This laptop backpack has integrated WiFi hotspot facility so that anywhere you go, you can stay connected with high speed. The backpack is made with sophisticated vegetable tanned Italian leather and also offers a chic

aesthetic with its innovative high technological features. Mancro Business Laptop Bag: This backpack is another modern yet simple in design backpack with a surprisingly roomy laptop sleeve and useful water resistance. This can be carried out by men and women both either for school, college or working area. It has multi compartment that has been classified for different items. Easy to find what you required. It included a theft proof combination lock and long lasting metal zippers that will protect your wallet and other costly items inside your backpack from thief. With built in USB charger in the outside and built in charging cable inside, this backpack offers you to charge up your phone while commute or traveling.

Chapter 7 : High Tech Camping Gear: 15 Gadgets You Need

Restoring the water repellency of your High-tech rain gear by Pat Keating. At some point in your angling life you will notice that your favorite nylon/polyester high-tech rain gear has lost some or if not all of its water beading properties.

August 14, Source: But if you plan on venturing away from home and getting a camping trip or two under your belt, there are even more great gadgets – ones that can help you pack light, carry the essentials, and stay connected no matter how far into the wilderness you venture. The stove can cook meals and boil water in minutes, and can power most USB-chargeable devices like smartphones. Additionally, you can cook over the fire without smoke, which means less harm to the environment and no stinging eyes. Perhaps best of all is the fact that the stove nests inside itself to save space in your pack. You can also turn on tracking to view or share your GPS coordinates, and you can even post to social media. In the event of an emergency, you can trigger an SOS, receive delivery confirmation, and have a text conversation with the search-and-rescue monitoring center until help arrives. The device is powered by a lithium battery that lasts about hours in continuous operation when set to minute tracking intervals, while extended battery life is possible with the extended tracking mode. The stove is a compact propane cooking system with two burners and a foldable design. The tent can be pitched in less than a minute with a pump, and the inflatable geodesic structure makes the Cave extremely stable. The inflatable frame and inner and outer tent only need to be assembled the first time you set it up, and after that, all you need to do is pump it up to inflate your tent. The included straps enable you to hang or carry it, and a removable globe and folding legs allow for a flexible variety of configurations and setups. The lantern packs down to half of its full height, and you can use the USB port to charge your phone, GPS, or other electronics. Jaq fuel cell charger Source: Jaq generates power from the water and salt in a slim power card, which you insert into the charger to produce hydrogen that fuels the cell and powers your devices. Each power card provides mAh of power, and each card and its fuel are made of recycled materials, water, and salt. You can discard the card after use. Various LIFESAVER Bottle models are ideal for use from one to four people, so that you can make sure everyone you want to take with you on your next camping trip will have clean water to drink. The NanoGrid is a compact but powerful system of rechargeable lighting and power storage. The system is comprised of the PowerLight, which stores shareable energy, and the SiteLights, which can be set up to provide a network of overhead lighting. You can even charge your phone via the PowerLight, which makes it a great all-around solution for campers who want to keep their packs light. To make the perfect cup of coffee with it, you add coffee, fill the Oomph with hot water, and press down on the outer shell of the Oomph to force pressurized water through the coffee grounds. You can even add sugar and milk once the coffee is brewed. The solar charger features a hard-wearing aluminum case, and the device can charge an iPhone 6 in three to four hours, a GoPro Hero 4 in three to four hours, and GPS systems in two to three hours. The SolarMonkey Expedition can charge your devices even in low light. The panels are designed to withstand some bumps and spills, and the clamshell design protects them when not in use The device is also IP-rated waterproof and dust-tight. It also opens to a degree angle, which means that you can secure it around your backpack, across your bike, or on the roof of your tent. SpareOne Emergency Phone Source: The UV lamp purifies up to 8, liters of water, and will work in any container with an opening 1. The water sensor also doubles as an LED flashlight so you have to pack one fewer camping gadget while hiking or camping. Tentsile Tree Tents Source: Though in dry conditions or on flat terrain, they can also be pitched on the ground.

Chapter 8 : High-Tech Gear For Your Next Wilderness Adventure

The 8 Pieces of High-Tech Gear You Need. They collect data with the promise of fixing flaws in your running form.

Chapter 9 : 5 Smart and High-Tech Backpacks to Keep You Prepared All Day Long on your Commute - GA

DOWNLOAD PDF YOUR HIGH-TECH GEAR

All of the high-tech materials that make modern outdoor gear great as you'll know that your outdoor gear is built to perform at an extremely high level, even under the worst of conditions.