





## Who We Are

**GADGETRONIX** is a leading distributor of globally renowned Solar, Security & Surveillance, and Communication equipment in East Africa.

Gadgetronix was founded in Tanzania's technology industry in 2014 and is now a supplier, consultant, designer, project implementer and solution provider for various types of clean/renewable energy. We excel in our customer support services with our state of art repair centers spread across Tanzania.

Working with a team of highly competent employees, including over sixty full-time Expert Technicians, Electrical/ Mechanical Engineers, and Quantity Surveyors. Gadgetronix has been able to specialize in a variety of areas, including Energy Solutions, Water Solutions, Security Solutions and Telecommunication Solutions.

Gadgetronix represents several well-known International companies in their pursuit of developing, testing, and promoting clean energy water, security and communications technologies. We have spearheaded the advancement of communication infrastructure in rural and remote areas of Tanzania, delivering clean power solutions throughout Tanzania and across East Africa.

As the foremost provider of fiber optic technology to Internet users in Tanzania, our extensive experience in the market is evident. With a portfolio boasting over 1200 + successfully executed projects within Tanzania, our unwavering commitment is to consistently provide an exemplary customer service experience.





## Where We Are

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### GadgetroniX Head Quarters

Old NSSF Building, Behind Manji's  
Metropole, Arusha, Tanzania.

+255 677 061 468 / +255 677 700 704



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### GadgetroniX Dar Es Salaam Showroom

Corner of Nkrumah and Swahili Street,  
Dar es Salaam, Tanzania.

+255 620 602 009

+255 620 007 170



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### GadgetroniX Njiro Complex

Showroom

Ground Floor, Shop #2, Njiro  
Shopping Complex, Off Njiro Road,  
Arusha, Tanzania.

+255 677 146 654



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### GadgetroniX Warehouse Godown

HPVC+V85, Njiro Road,  
Arusha, Tanzania.

+255 677 146 654

+255 677 061 468

# What We Do

We have renowned reputation for our systems design and solutions in the energy and water sectors in Tanzania. We offer the below products & services:

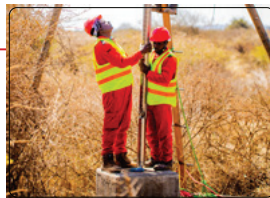
## Energy Solutions

1. Off-grid Solar / Grid Tie Solar
2. Battery-Powered Backup Systems
3. Solar Refrigeration
4. Power Generators
5. Hybrid Systems
6. Portable Power Solutions



## Water Solutions

1. Solar Water Pumping.
2. Solar Water Heating / Pool heating
3. Water Filtration / Treatment



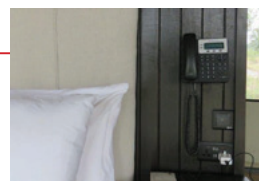
## Security and Surveillance

We provide top-tier security and surveillance systems, partnering with global suppliers. We are committed to delivering value. Our portfolio ranges from Automated Motors, Traffic Barriers, Access Control Systems, Turnstile Barriers, Electric Fences, Security Cameras (CCTV), Fire Alarms, Burglar/Intruder Alarms, Watchman Trackers and Intercoms.



## Communication

We facilitate enhanced team collaboration by seamlessly integrating robust infrastructure, including high-speed optical Internet and a diverse range of radio solutions. Our meticulously crafted solutions empower your team to concentrate on operations and optimize overall efficiency.



# Energy Solutions



## OFF-GRID SOLAR

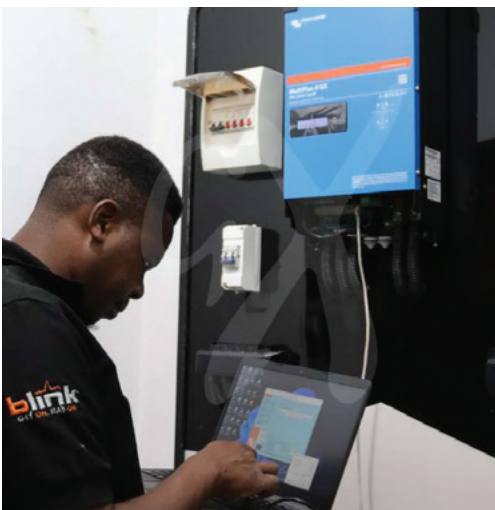
We provide turnkey renewable energy and power solutions to homeowners, businesses, organizations and institutions from 500W - 2MW. Partnering with world-renowned brands for the sales and services that we offer, you are guaranteed a prompt and efficient after sale service.



## BATTERY-POWERED BACK-UP SYSTEMS



We provide power back-up to homes and offices for almost an indefinite period of time, keeping you safe and productive during power outage scenarios. The back-up unit is constantly connected to your utility power grid which ensures the batteries are fully charged and ready to power your house. When your utility power grid falters, the back-up power system is automatically switched on via a transfer switch and an inverter.



# Water Solutions

## SOLAR WATER PUMPING



We work with different organizations to provide sustainable water solutions. With our variety of solar water pumping solutions, we are able to provide clean drinking water to communities across Tanzania, both for human and animal consumption. In some areas, these solutions are used for irrigation purposes, thus resulting in community members being able to provide food for their families. Our Solar Irrigation Pumps are well-suited for farmers who require water from remote water sources.



## SOLAR WATER HEATERS



We install solar collectors that are typically located on the roof or ground mounted on a rack. They transfer the thermal energy from the sun to the cold water, a heat transfer solution. We also supply storage tanks which are super-insulated and store the sun's energy for later use. Water in the tank receives the sun's energy from a heat transfer solution through a heat exchanger. In some cases, your existing hot water tank can be used.





# WATER FILTRATION / TREATMENT

We offer water purification technologies for communities, health institutions, lodges and plants to provide clean and safe water for drinking and cooking.





## SOLAR REFRIGERATION / COLD STORAGE

We supply WHO - standard vaccine refrigeration for remote dispensaries and health facilities, solar freezers and customized solar chillers for businesses. Our solutions prioritize safety, freshness, and profitability.



## POWER GENERATORS

We excel in customizing backup and off-grid generator solutions, with a special focus on serving lodges, residential areas, commercial properties, and offices. Our proficiency guarantees dependable power generation precisely when it's essential.





# Security and Surveillance



We specialize in providing comprehensive security and surveillance solutions by collaborating with globally acclaimed manufacturers. Our dedication to delivering genuine value drives us to continually offer cutting-edge solutions to our clients. Our product portfolio encompasses a wide range of offerings, including biometric solutions, automated gate motors, traffic barriers, access control systems, turnstile barriers, electric fencing, security cameras (CCTV), fire alarms, burglar/intruder alarms, watchman trackers, and intercoms.



# Communication



At Blink, our mission is to deliver high-quality and cost-effective Internet services promptly to all residents of Tanzania. We've made significant investments in state-of-the-art Fibernet technology, offering speeds up to 50 times faster than other available options. Moreover, our robust virtual private network (VPN) works seamlessly in the background, ensuring the security of your data from unauthorized access while you browse the web.

Our commitment is to make fast, reliable Internet access accessible to everyone at an affordable rate. Our data plans are thoughtfully designed to cater to the diverse needs of small businesses and remote lodges. With plans starting at just 30,000Tsh per month for 25GB, you have the flexibility to choose the plan that best aligns with your requirements.

## Consistency

Our goal is to provide reliable Internet services through a secure, sound, and stable network by constantly researching and developing our infrastructure.

## Flexibility

We believe that one of the fundamental principles of exceptional service is flexibility. Our services and solutions will be tailored to meet your specific requirements.

## Dedication

Our enthusiastic team is committed 24 hours a day to high-quality after-sales services, consulting, and time-effective solutions. We operate a 24-hour support line and have developed various support platforms.



# Our Products

## Energy Solutions

- Solar Panels
- Lithium Ion Batteries
- Portable Power Solution (Ecoflow)
- PV Grid Tie Inverters
- Inverter Chargers
- Hybrid Inverters
- Deep Cycle Lead Acid Batteries
- Solar Charge Controllers
- Remote Monitoring
- Solar Fridges and Freezers
- Power Generators
- DC -DC Converters
- Ev Chargers

## Water Solutions

- Solar / Electrical Submersible Water Pumps
- Solar / Electrical Swimming Pool /Surface Pumps
- Solar Water Heaters
- Sola Pool Heaters

## Security and Surveillance

- CCTV Cameras
- Electric Fence
- Automated Gate Motors
- Speed Governors
- Fire Alarms
- Intruder Alarm
- Turnstile Barriers
- Watchman Tracker
- Access Control
- Intercoms

## Communication

- Antennas
- Radios & Transmitters
- Access Points
- Switches
- Routers
- Networking



# Energy

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Inverters



EV Chargers



Solar Panels



Solar Fridges



# Water

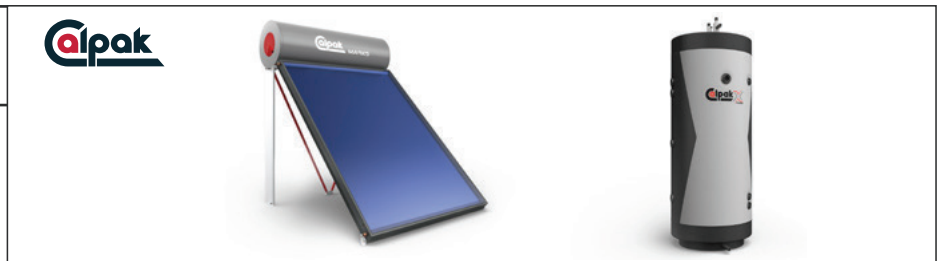
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Solar Water Pumps

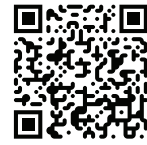


Solar Water Heaters



# Security

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Automated Gate Motors & Electric Fence	    
CCTV Equipment	    
Wired/ Wireless/ IP Phones	     
Access Control	       

# Communication

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Radio	    
Antennas & Access Points	   
Routers	   
Switches	   

# Completed Projects

## KUBU KUBU TENTED LODGE

**Client:** Kubukubu Tented Lodge

**Client type:** Hospitality

**Project Category:** Battery Storage, O Grid Solar, Remote Monitoring

**Location:** Serengeti

**Solar Array:** 212.55 kWp Photovoltaic panels

**Service Provided:** Grid Tie and Power Backup Solar Solution

### Off-Grid and Battery Storage

The Solar Power System runs the entire lodge including the laundry area, water pumps, and staff area.

The system comprises the below:-

- 212.55 kWp of Photovoltaic panels
- 400 kWh of battery storage
- 2 x ATESS HPS 10 0kW hybrid inverter charger
- The system is also remotely monitored using ATESS Enerlog.



## KIMARISHE LODGE

**Client:** Kimarishe Lodge

**Client type:** Hospitality

**Project Category:** Battery Storage, O Grid Solar, Remote Monitoring, Telecommunication Solutions  
Location: Serengeti

**Solar Array:** 145.8 kWp of Photovoltaic panels

**Service Provided:** O-Grid and Battery Storage

### O-Grid and Battery Storage

The Solar Power System runs the entire lodge including the laundry area, water pumps, and staff area.

### The system comprises the below:-

- 145.8 kWp of Photovoltaic panels
- 320 kWh of battery storage
- 1 x ATESS HPS 150kW hybrid Inverter/charger
- The system is also remotely monitored using ATESS Enerlog
- Telecommunication

We have installed internet + VOIP services in the lodge extended in ALL rooms and departments withing provisioned using fiber.



## LEKULE SECONDARY

**Client:** Lekule Secondary School

**Client type:** NGO & Government

**Project Category:** Battery Storage, O Grid Solar

**Location:** Tarime

**Solar Array:** 9.72 kWp Photovoltaic panels

**Service Provided:** O-grid Solar System Upgrade & Battery Storage

O-grid Solar System Upgrade & Battery Storage

- The system comprises the below:
- 9.72 kWp of Photovoltaic panels
- 14.4kWh of deep cycle solar batteries and 5kVA/48V Inverter/Charger.
- The system is remotely monitored which is built in EasySolar-II GX.



## AKE

**Client:** Ake Lindstrom

**Client type:** Private

**Project Category:** Power Backup, Remote Monitoring, Solar Water Heating

**Location:** Usa River - Arusha

**Solar Array:** 2.16kW installed solar panels (4x 540 Watt panels)

**Service Provided:** We supplied and installed the following systems:

### Solar System:-

- 2.16kW installed solar panels (4x540 Watt panels)
- 3kVA Victron inverter charger
- Freedom Won Marine 10/8 Battery
- MPPT 150/45 charge controller
- Cerbo GX for online monitoring

### Solar Water Heating System

- Calpack 200L colsed loop



## ST. CONSTANTINE INT SCHOOL

**Client:** St. Constantine's International School

**Client type:** Learning Institution

**Project Category:** Fire Alarm Systems

**Location:** Kisongo - Arusha

**Solar Array:** 9.72 kWp Photovoltaic panels

**Service Provided:** Fire Alarm Systems

### The system comprises the below:

Fire alarm systems in different Buildings like laboratories, stores, computers, and music will alert Students and Teachers to gather on safety grounds.



## COCOON INC/TAWIRI

**Client:** Cocoon Inc.

**Client type:** Research Organization

**Project Category:** Battery Storage, O Grid Solar, Remote Monitoring

**Location:** Serengeti

**Solar Array:** 212.55 kWp Photovoltaic panels

**Service Provided:** 400 kWh of Lithium ion Solar Batteries

### The system comprises of the following:-

- 3.24 kWp of Photovoltaic panels
- Solar Battery AES 12-2870F
- 1 X VICTRON Multiplus-11 5.0KVA 48V inverter charger.

### Staff Off-Grid and Battery Storage

The Solar Power System runs their staff quarters including laptops, printers, water dispensers, lighting, etc.

The system comprises of the following:-

- 2.16 kWp of Photovoltaic panels
- 8.06 kWh of battery storage using AES Solar Battery AES 12-2870F
- 1 X VICTRON Multiplus-11 3.0kVA 24V Inverter charger

### Telecommunication

We have installed internet services at the staff house



# Our Clients

