



A GUIDE TO SOLAR-READY ACCESS AUTOMATION

At this point, the usefulness of access automation in a wide variety of applications may have formed into something more concrete for you, and you can see the myriad of benefits in ensuring better security, convenience, control and, by extension, peace of mind. Whether you own a farm or run a guesthouse, lodge or wedding venue, access automation is guaranteed to make your life so much easier.

But can one confidently match utility with practicality, and service with sustainability?

With our range of solar-compatible access automation solutions, you can have it all wherever you are, and experience our industry-leading and award-winning technology in even the most remote locations.

Our solar-ready range includes:



We produce the most innovative, robust and reliable gate motors made from the most durable materials and operating at high speeds for maximum security – perfect for controlling access in any environment and all ready to harness the power of the sun.

With whisper-quiet operation, extended battery life and easy installation, our solar-ready garage door motors are the automatic choice for domestic sectional, tip-up and roll-up garage doors.





CENTURION traffic barriers are designed to handle heavy traffic volumes and can perform thousands of operations a day. Their robust construction ensures reliable long-term performance even in harsh environments such as mines.

The WiZo-Link Solar Repeater is a self-contained device comprising a WiZo-Link with an onboard Lithium-ion battery, solar panel, mounting bracket and wiring harness.

This repeater will allow you to expand your WiZo-Link network even where no power source is readily available.



Why go Solar?

No electricity? No problem!

Sunshine is...freedom! Where there's no mains power available at the site, as is often the case with very remote installations, solar power offers a reliable alternative power source and saves you the cost and effort of having high-voltage cables routed from the nearest outlet, which is often many kilometres away from the system.

It's a renewable energy source

Solar power produces renewable or "clean" energy, meaning that it cannot be depleted or exhausted and is naturally replenished by the Earth's own resources, in this case the sun. In other words – the system won't run out of power and is not dependent on human intervention.

The best power failure autonomy

Power outages can leave a person feeling a bit, well, powerless, so why not choose a security solution that lets you operate completely independently of the country's utility grid?

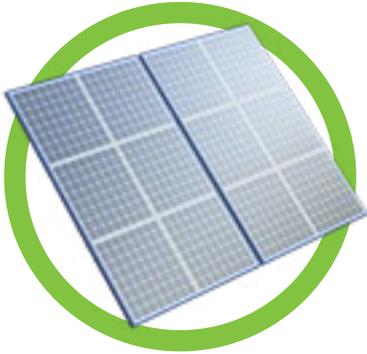
Environmentally friendly

Electricity is generated by burning fossil fuels such as coal, which produces greenhouse gases that contribute to global warming. Because solar power is harnessed using natural resources, it does not produce such emissions and therefore benefits the environment.

Easy to maintain

Besides requiring a routine wash every now and again to clear away any dirt, leaves and other debris that may have accumulated over time, solar panels are practically maintenance-free!

Solar accessories



Solar Panels

Solar panels are photovoltaic systems, which basically means that they convert light into electricity. We commonly refer to devices that convert one type of energy into another as “transducers”. Simply put, the panels absorb the light from the sun and pump out electricity at the other end, which is a pretty great if you ask us.

Centurion Systems stocks high-quality, robust and efficient solar panels in the following sizes: 40W, 60W, 80W, 100W, 120W and 150W

Regulators

Imagine the line at your local licensing office without marshals to control the flow of people into and out of the building: total chaos, right? That’s a bit what the electricity is like when it first comes out of the solar panel. Without anything to regulate it, the voltage can be too high, too low, or simply too erratic to be of any real use. Luckily, you can get some reliable (and great-looking) solar regulators from CENTURION!



Brackets

Mount your panels in style with our versatile galvanised mild steel solar mounting brackets. They’re easy to install and adjust, and they look good, too!

Batteries

Naturally, the whole raison d’être of solar systems is to power or charge something that would otherwise require mains power. Solar configurations are typically connected to batteries or some other power store, which are charged via the regulated voltage output. Solar power takes the place of mains voltage, replenishing the energy expended by the battery. The bigger the battery, the longer it will take to empty its “energy reservoir”, and the more efficient the system will be. Why not let CENTURION take care of your power store requirements? Get your deep cycle battery directly from us!



Making lives easier through solar



CENTURION