

Together with the successful development and commercialization of low-cost, desktop size on-demand hydrogen supply systems, Horizon has made it much easier for schools and science labs to adopt advanced hydrogen technologies and experiments as part of their set ups.

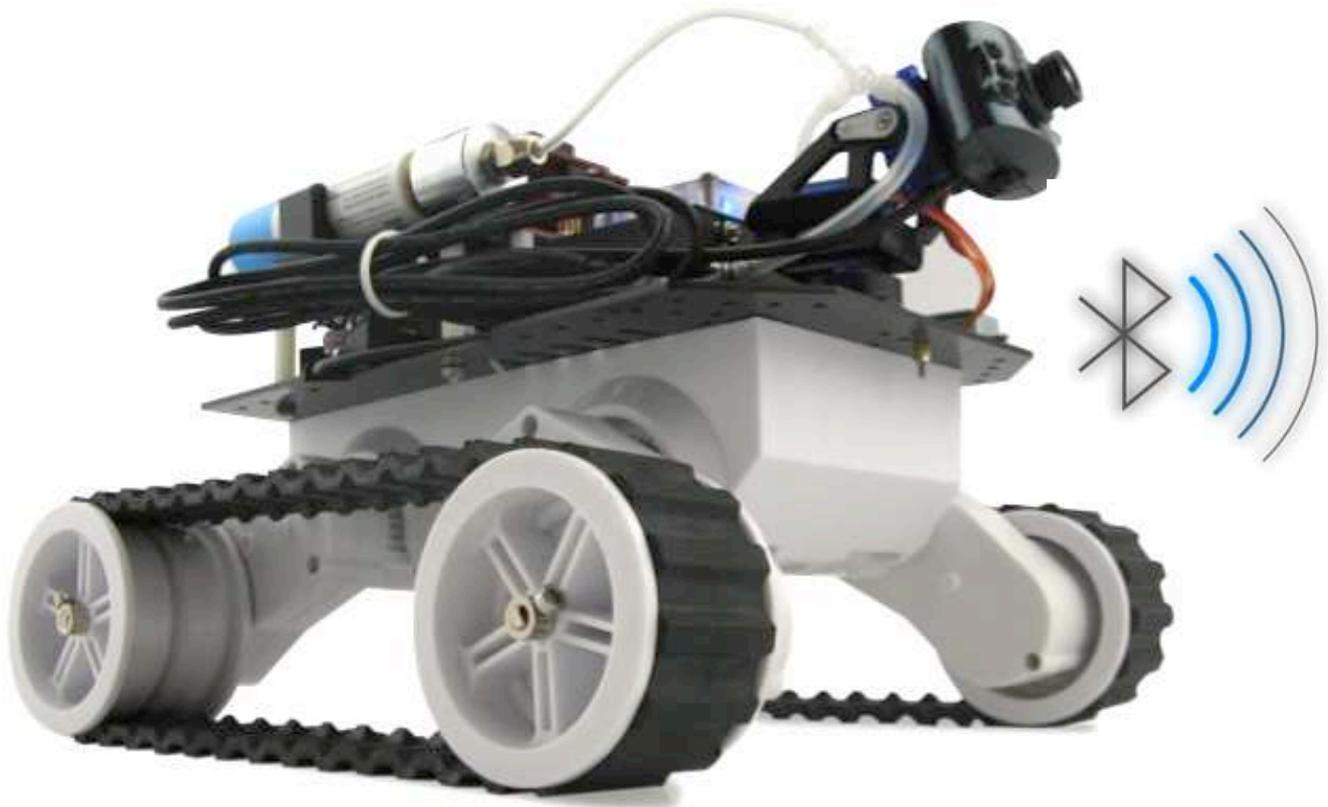
Horizon has begun building a series of interesting projects, kits and products that make use of that capability, which is now unique in the world.

Build your own fuel cells, build your own programmable fuel cell applications, develop and engineer small-scale vehicles, **the possibilities are endless !**



NEW H-ROVER Fuel cell robot (UGV) with camera

Item Code
FCJJ-41



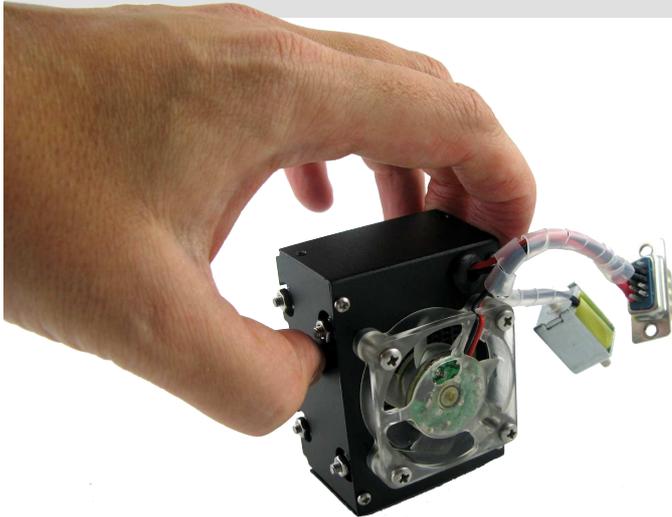
Key Product Features

- Camera (included) with bluetooth connectivity enables PC/phone video control
- Hybrid power system uses 10W fuel cell with electronic control
- Includes HYDROSTIK PRO with tubing and adapted pressure regulator.
- HYDROFILL PRO (optional) can be used for HYDROSTIK charging



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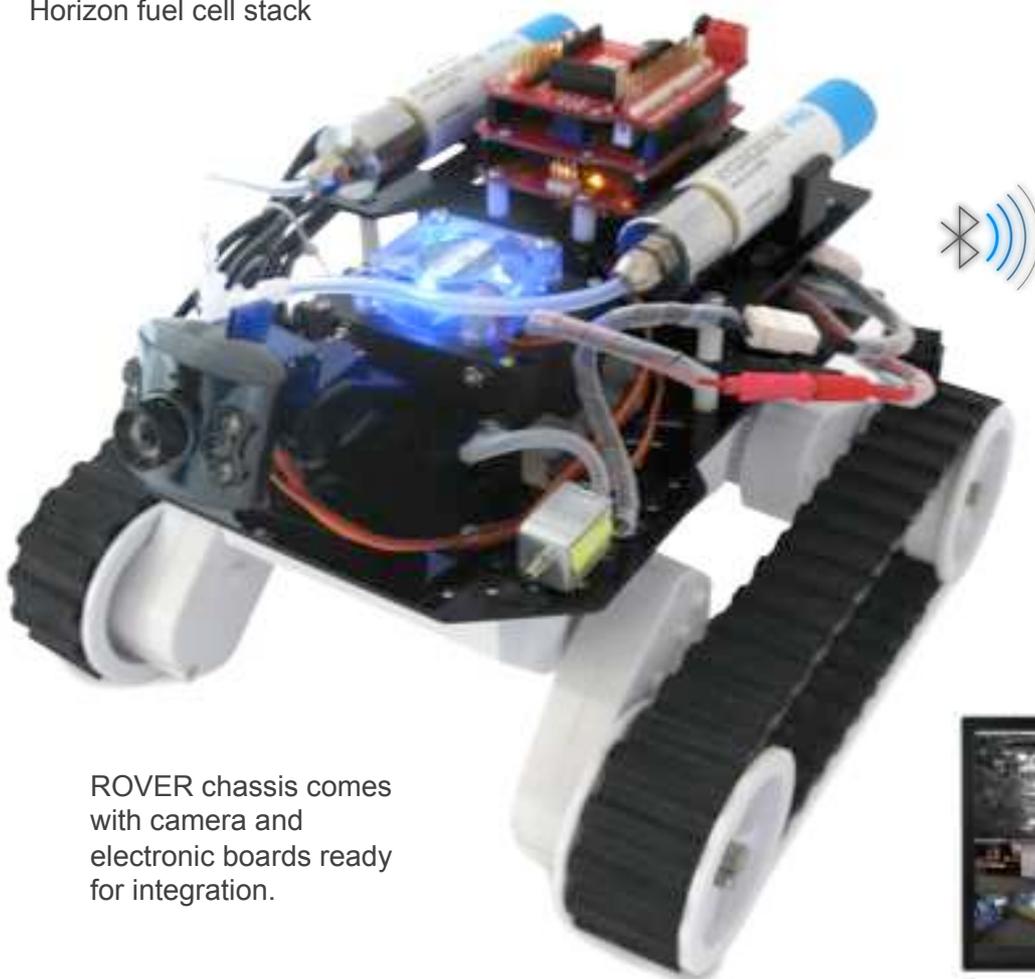
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Uses miniature 10W
Horizon fuel cell stack



HYDROFILL PRO can
recharge hydrogen
when needed.



ROVER chassis comes
with camera and
electronic boards ready
for integration.





NEW HYDROSTIK PRO solid H2 storage

Item Code
LWH22-10L-5



HYDROSTIK PRO is a reversible metal hydride storage system for hydrogen, which is not stored in a compressed state, but in a solid form – making it safe to use in everyday applications.

Key Product Features

- Stores hydrogen safely in a non-compressed, solid metallic form
- Refillable multiple times using HYDROFILL desktop hydrogen station
- Can power Horizon fuel cells up to 30W
- Compatible with several products, multiple use, sold separately.



NEW HYDROFILL PRO H2 on demand for school labs Item Code FCH-020

Revolutionary: low cost hydrogen from water,
- in your classroom or laboratory.



HYDROSTIK PRO is a reversible metal hydride storage system for hydrogen, which is not stored in a compressed state, but in a solid form – making it safe to use in everyday applications.

HYDROFILL PRO is the only product in the world able to provide a steady source of hydrogen on request, directly from its built-in water tank, for automatic storage in a safe, metal hydride form (HYDROSTIK PRO cartridges). The unit is ideal for use in classrooms, educational facilities and science laboratories, a small, low cost, and safe alternative to bottled, compressed hydrogen, which has so far been reserved for special university laboratories.

Key Product Features

- Produces & stores hydrogen safely in a non-compressed, solid metallic form
- Compatible with several products, multiple use, bundled or sold separately
- Input is water and electricity (DC to AC cord supplied)
- Compatible with solar or wind turbines (requires 25W DC power input)

