Foxton Torch Kit GCF-200F “Pharobit”
RM Foxton Management Limited T/A Foxton Global Sourcing

THE PROBLEM
Foxton Global Sourcing is a systems integrator for the **GCF-200F FOXTON TORCH KIT**, an evidence gathering device for humanitarian, peace keeping and border control applications as well as professional security and defence markets. The unit features location stamped 1080P HD video and infrared night vision. Life saving and rescue capability is enhanced by the high power flashlight in SOS mode, providing a location beacon in Morse code, an electronic compass and a camera function. The whole unit is waterproof for operation up to 100m depth.

Foxton approached the Space IDEAS Hub to assist in development of a number of accessories to improve the versatility of the GCF-200F and address end user needs in particular market sectors.

THE SOLUTION
The Space IDEAS Hub reviewed the current functionality of the device, using staff with military deployment experience, and suggested a range of possible improvements and accessories to provide significant in-field benefits. As part of the free initial engagement, the team identified two key items for urgent development:

- A new adaptor design to allow the GCF-200F to be mounted on a belt, tripod, pistol grip or vehicle mount. Prototypes were made using an in-house 3D printing system and the adaptor is now in production.
- A review of battery technology to improve the in-service operation of the unit.

“A great business partnership providing a technical resource and capability to complement our business, helping us achieve customer satisfaction.”

Rob Matthews, Director, Foxton Global Sourcing

“We are delighted to have contributed to the development of this product and we look forward to continuing to work with Foxton on further developments.”

Dr Andy Powell, Space IDEAS Hub

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