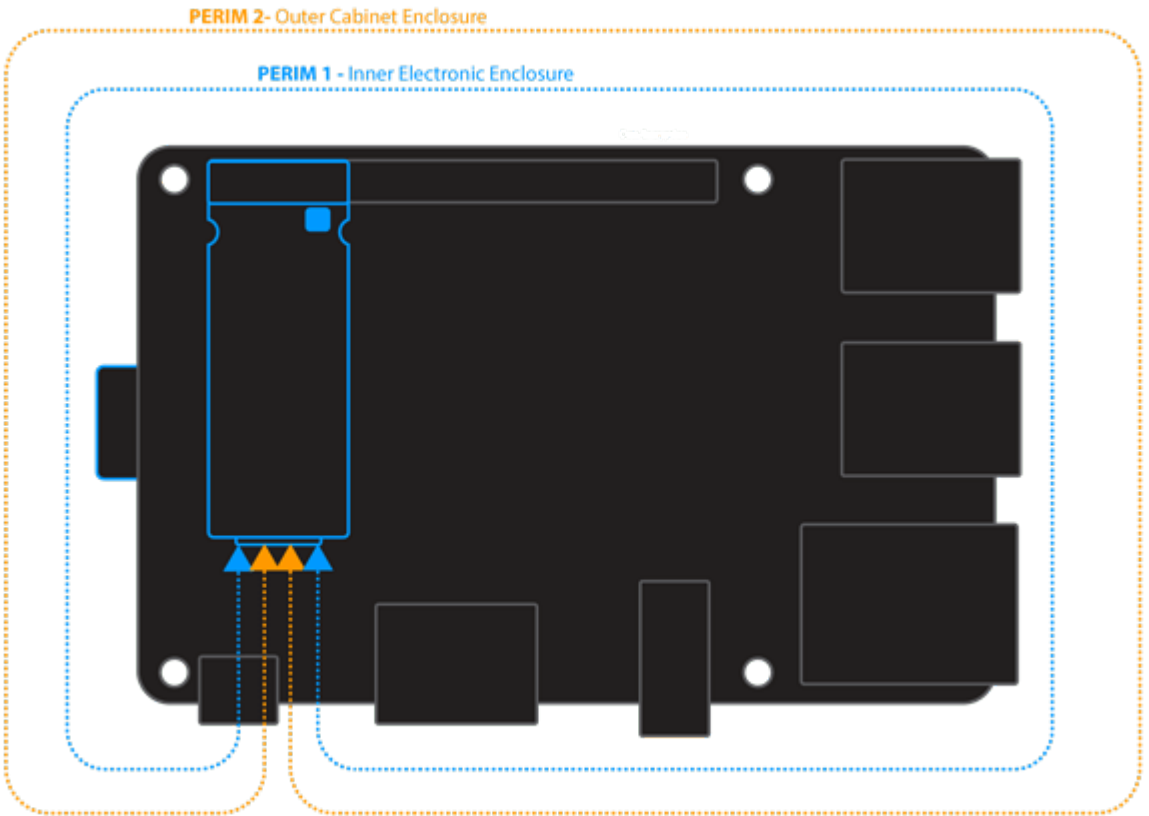
Module 2.3
Zymbit Perimeter Detect

CompuThings *Technology;

Module Target

- Understand Perimeter Detect defined by Zymbit
- Run sample code for perimeter detect.

Zymbit Perimeter Detect



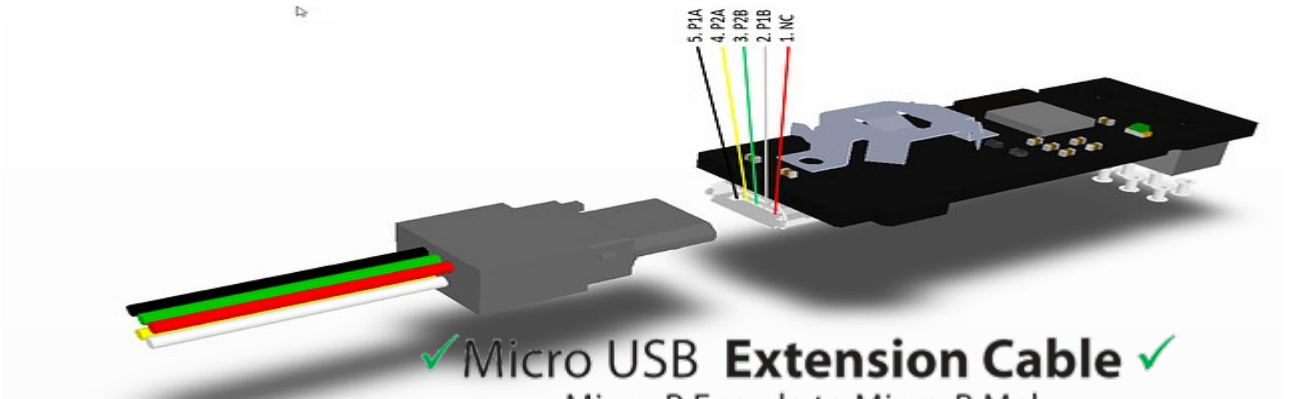
Perimeter Detect

- Perimeter Detect provide two additional layer for physical security.
- Its important if the device is deployed in the field,unattended or high risk environment.
- When breached occur, the device can be configured to respond to different actions.

Connecting Perimeter Loop Circuit

Receptacle on Zymkey

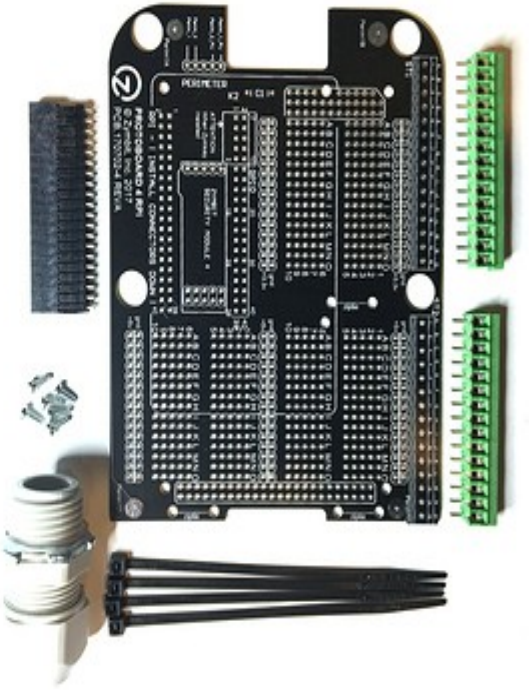
microUSB Plug



Perimeter Detect Respond Actions

- Prior to permanently binding your Zymkey to a specific host device, it can be configured through the API to respond to a perimeter breach event in one of three ways.
- After permanent binding is completed, the selected configuration is locked and immutable.
- Response Choices
  - Do nothings (disable)
  - Notify host when perimeter breach occurs
  - Destroy all key materials (this essentially destroy any encrypted data of file system)

ProtoKits for Developers



ProtoKit

- IP67 enclosure, dustproof, waterproof,
- Integrated protoboard.
- Slot for optional Hardware Security Module for Zymkey 4i 29
- Works with RPi A+, B+, 2, 3, Zero and most other flavors of Pi
- Access to all RPi header signals.
- Screw terminals for easy connection to external devices.
- User assembled connectors.
- Wall and Pole mounting options
- Cable gland - user fitted

Conclusion

- The zymkey physical security is the solution for complete security system for devices.