



• Analog INs & OUTs
Let the EuroHiker module drive your analog EuroRack modules. Transmit/Receive Control Voltage & Gate signals



• MIDI Interface
The built in MIDI Interface (Musical Instrument Digital Interface) lets you interact with nearly any electronic instrument on the market (early 1980s onwards). Be the orchestrator of creativity, elevating your instruments to virtuosity

• Power
Toggle the module's power independently from the enclosure's main power supply

• Microphone
Capture your voice and turn it into digital wizardry

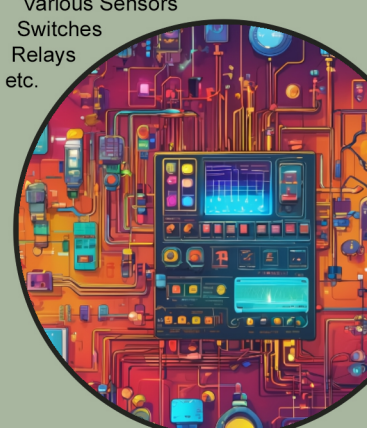
• Light Sensor
The integrated Light Sensor finds the perfect light for fun and excitement!

Design your own STEM/STEAM projects that interact with the EuroHiker Module

• Expansion Interface



• Electronics Projects
Don't have any EuroRack gear? No problem! - The EuroHiker's analog ports can directly interact with passive- & low-powered electronic components, such as LEDs
Various Sensors
Switches
Relays
etc.

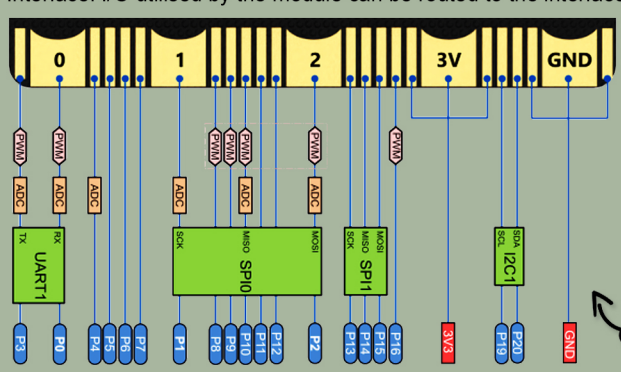


• Rotary Encoder
Red, Green & Blue LEDs built in, as well as a push-button.
24 Pulses per Rotation.

• Push Button (x2)
Switch Momentary.

H 128mm (3U)
W 101mm (20HP)
D 40mm

• The EuroHiker module passes on unused I/O to the Expansion Interface. I/O utilised by the module can be routed to the interface.



UniHiker by DFROBOT
www.unihiker.com
DRIVE THE FUTURE

• The core of the EuroHiker module is the UniHiker compact and feature-rich single-board computer (SBC)

- 2.8" 320x240 (colour) touchscreen
- Easy setup via Type-C cable and programming through a browser
- Direct control of hundreds of sensors and actuators using Python
- Wi-Fi and Bluetooth for wireless connectivity
- USB Port
- MicroSD Card Slot
- Supports Jupyter notebook, VS Code, VIM, Mind+
- Onboard Microphone, Light Sensor, Buzzer, Accelerometer & Gyroscope

STEAM Modular

github.com/ErikOostveen/EuroHiker

EuroHiker

www.erikoostveen.co.uk
www.erikoostveen.co.uk/SteamModular.html