

# NETRUNR E24

Secure | Reliable | Powerful

## Netrunr E24

Netrunr E24 provides a rugged but cost-effective way to deploy low power wireless devices..

Using the industry standard Bluetooth Low Energy® protocol, Netrunr is compatible with thousands of sensors, actuators, beacons and smart devices.

External Wi-Fi and Bluetooth antennas extend range, and a 4G option is available for cellular connectivity

## Applications

- Asset tracking / localization
- Beacon management
- Geofencing
- Powered beacons
- IIoT networks

## Benefits

- No smartphone required
- 24x7 autonomous operation
- Automatic scan modes
- TLS security
- External antennas add range
- Rugged metal case with mounting flanges

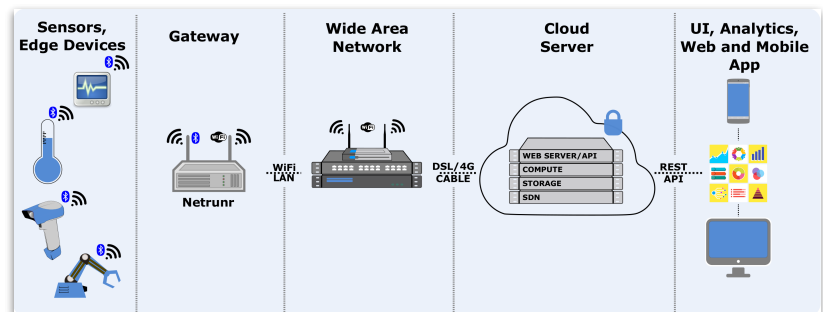


## Netrunr Bluetooth® Gateway

Connect, control and manage Bluetooth Low Energy® devices using wired, Wi-Fi, or 4G cellular networks with a Netrunr E24 gateway.

Netrunr E24 provides continuous connectivity, simultaneous operation of multiple devices, and powerful local compute and storage capabilities.

Netrunr is the ideal solution for untethering and sharing wireless devices in industrial and other harsh environments.





## Features

- Wired and Wi-Fi interfaces
- Wi-Fi access point
- Wi-Fi mesh
- 4G cellular (optional)
- MQTT/MQTT-S compatible
- Web configuration UI
- FOTA upgrade support

### Security

- Internal firewall
- TLS (AES-256 data encryption)
- RSA-2048 bit asymmetric keys
- TLS Server/Client certificate

## Specifications

- Bluetooth Low Energy 4.2
- 802.11 b/g/n, 300Mbps Wi-Fi
- SD Card external storage
- System reset button
- Status indicator lights
- Power: 12V/0.5A DC
- Size: 130x80x30mm (WxLxH)
- Temp. Range: 0~45C (32-113F)
- Weight: 400g (14 oz)

## Contact

### Axiomware Systems Inc.

229 Polaris Avenue, Suite 15  
Mountain View, CA 94043, USA

Ph: +1-408-675-8382

Email: [info@axiomware.com](mailto:info@axiomware.com)

<http://www.axiomware.com>

## Compatibility

Netrunr is compatible with MQTT servers and most IoT platforms, and includes a set of fully configurable connectivity and security options.

## Flexibility

The Netrunr MQTT-based messaging API enables remote operation and management using any programming language. Automated scan modes are also available to eliminate the need for gateway programming.

In addition, Netrunr supports FOTA upgrades to receive the latest features and security updates.

## Performance

Netrunr is capable of servicing a fleet of beacons, and up to 14 simultaneously connected Bluetooth Low Energy devices. Backhaul speeds are up to 150Mbps with 802.11b/g/n networking. Wi-Fi mesh is also integrated for increased range and coverage.

## Extensibility

A 4G cellular option (with dedicated 4G antenna) provides connectivity without on-site network infrastructure.

An external SD Card is available for program or data storage.

Multiple wired LAN ports can be used as a network switch.

## Reliability

Packaged in a black metal case with external mounting flanges, Netrunr is designed for factory, industrial, and other harsh environments. A UL®-approved 12V power supply with barrel connector is provided. Extra bright LEDs indicate system and network status.

Netrunr E24 includes a 100% satisfaction 1-year warranty.

The *Bluetooth*® word mark and logos are registered trademarks owned by the Bluetooth SIG, Inc.. Other trademarks and trade names are those of their respective owners.