# Edge Router

## General Description

The Edge Router provides an entry point from devices into enterprise or service provide core networks. It translates local area network protocol to wide area network.

## Features

- LAN interface supports ethernet, WiFi, ZigBee, Bluetooth.
- WAN interface supports LoRa and 2/3/4G.
- OpenWRT supports for easy integration.
- Supports Python and Node.js.
- Support SSL.
- Local status LEDs with transmission and online status indicators.
- PoE
- DC operation

## Product Customization

Customized products for special requirements to fit your needs. From design to manufacturing, we provide one stop service for OEM/ODM.

## Example Applications

- IoT gateway
- Sensor hub
- LAN to WAN converter
- Data concentrator

**Cwlinux Limited**

**Address:**
138, Weswick Commercial Building,
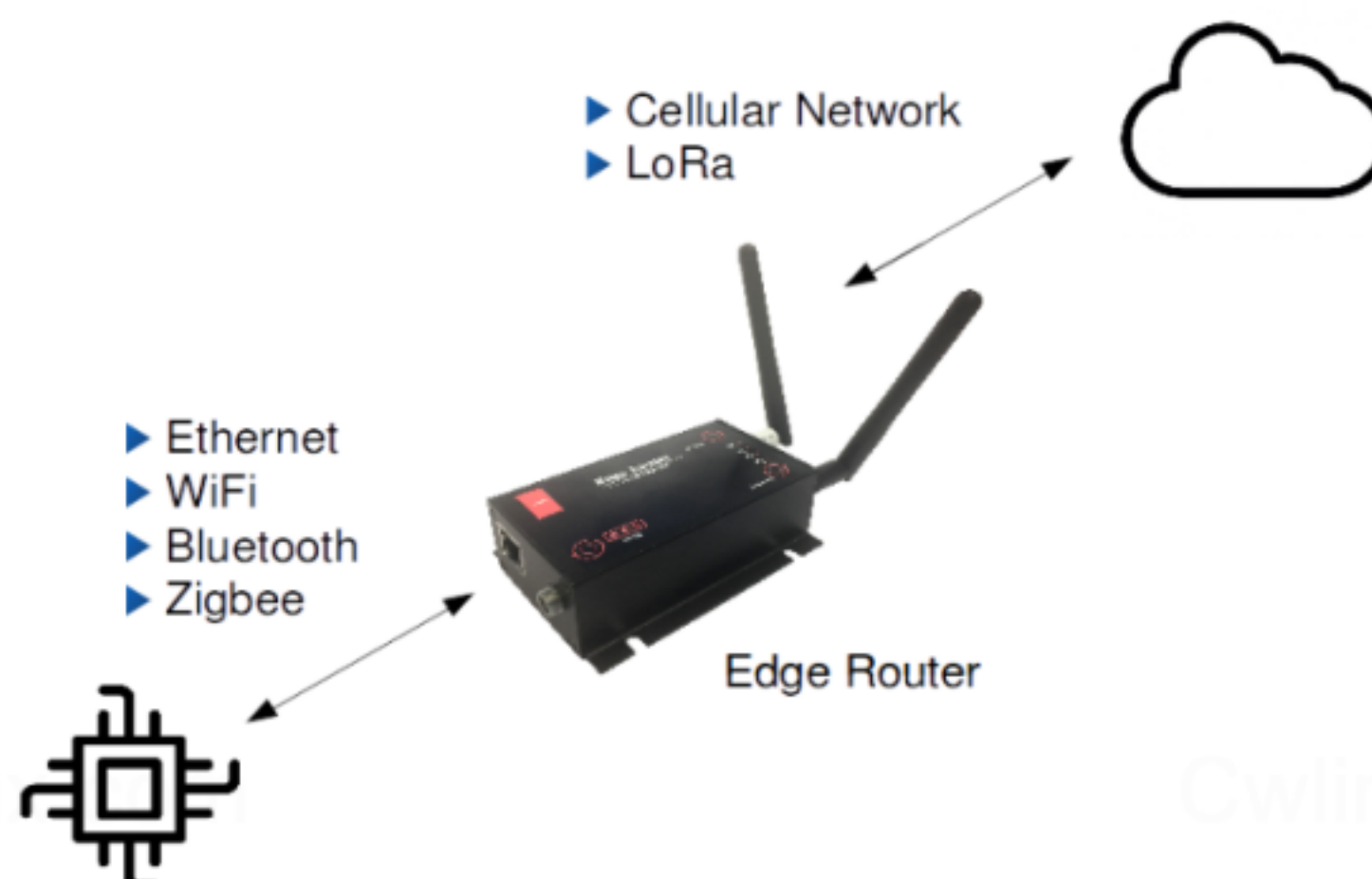147-151 Queen's Road East,
Wan Chai, Hong Kong

**Telephone:**
+852 2863 9490

**Email:**
info@cwlinux.com
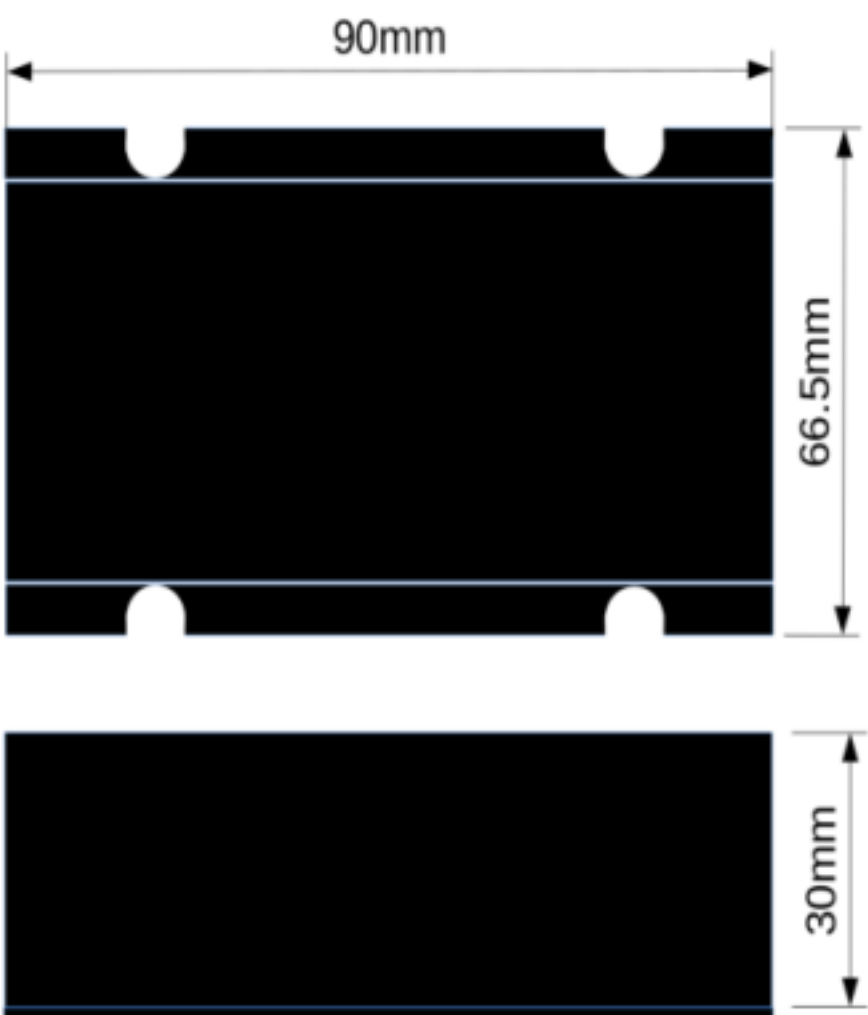
**Website:**
www.cwlinux.com

Cwlinux Limited
Copyright 2017
Revised 2017/5

\* Actual range may vary depending on environment

▶ Cellular Network
▶ LoRa

▶ Ethernet
▶ WiFi
▶ Bluetooth
▶ Zigbee

Edge Router

MICROCHIP
Authorized
Design Partner

Partner
NXP

# Edge Router



| Edge Router | |
| --- | --- |
| **Core** | |
| CPU | Atheros AR9331 chipset |
| RAM | 64MB |
| Flash | 16MB |
| **Connectivity** | |
| Ethernet | 10/100M with IEEE 802.3af (PoE) support |
| WiFi | 802.11b/g/n |
| **Addon** | |
| XBee Expansion A | LoRaWAN / Cellular Network |
| XBee Expansion B | ZigBee / Bluetooth |
| **Power** | |
| Input Power | DC 5V |
| **Mechanical** | |
| LEDs | Power Status, Connection Status, System Status |
| **Enclosure** | Metal |
| Dimensions | 66.5mm x 90mm |
| **Environmental** | |
| Operating Temperature | -10 to +70 °C (14 to 158 °F) |
| Storage Temperature | -20 to +85 °C (-4 to 185 °F) |
| **Software** | |
| Operating System | OpenWrt |

For more information about our products or to place an order,
please contact our sales department at **sales@cwilnux.com**.