

# WRAP-BOX OUTDOOR WIRELESS ENCLOSURE

www.mini-box.com



## Industrial Die-Cast Aluminum Design

Designed to withstand the toughest environments, the WRAP-BOX outdoor enclosure is a small, light, yet very solid wireless outdoor enclosure. The WRAP-BOX is rated NEMA-67 providing complete protection against ingress of dust (6) as well as protection against immersion in water (7).

## Multiple Antenna, Ethernet Options

The WRAP-BOX comes in 3 configurations:  
1 N-Type connector + 1 RJ-45 quick disconnect (model 1A1E)  
2 N-Type connectors + 1 RJ-45 quick disconnect (model 2A1E)  
4 N-Type connectors + 2 RJ-45 quick disconnect (model 4A2E)

The N-Type antennas connectors are placed as far as possible from each other in order to increase spatial diversity and decrease RF grounding from the mounting mast. Multiple Antennas can be used for repeater operation, multiple band or MIMO "smart antenna" applications.

2nd RJ-45 connector (available only on the 4A2E model) can be used as optional ethernet or console port. Two WRAP boards can be stacked inside the enclosure for increased throughput and/or dual Ethernet operation.

## Features

- Die-Cast Aluminum, NEMA 67 rating
- 1, 2, 4 waterproof N-type Antenna options
- Waterproof, quick disconnect RJ-45 connector
- 3 point silicone-rubber gasket
- Pole-top and wall-mount mounting options
- OEM brand can be applied in front (seria & ID in the back)

## Thermal Characteristics

- Enclosure Seal Operating temperature -60C to 230C
- Heat Trap: +6.5 Celsius under full sun (~100,000 Lux)
- Temperature raise using a 5-10Watt heat source (WRAP + radio board): +5.5 Celsius



WRAP-BOX 2A1E on 1" mast

## Mechanical Characteristics

- Inside measurements: 180x125mm x 46mm
- Wall thickness: 3mm
- Supports masts up to 3" diameter

## Board Support

- Native support for WRAP.2x boards
- Native support for nano-ITX boards
- Other boards types require mounting plate



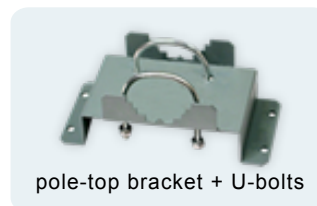
Inside the WRAP-BOX 4A2E

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wall mount bracket



pole-top bracket + U-bolts



All WRAP-box configs are shipped with wallmount and poletop+U-bolts hardware, RJ-45 female and field installable RJ-45 male + standoffs, screws and washers in a product ready, compartmented white box.

RP N-Type pigtails, and/or antennas are optional.

Contact sales@mini-box.com for custom OEM configs and volume discounts.