

STANDARD & MINI RFEYE OUTDOOR KIT (ODK) SYSTEMS

Rugged outdoor mounting
units for RFeye Nodes

The RFeye Outdoor Kit (ODK) systems offer a range of flexible mounting kits for attaching RFeye Nodes to outdoor structures such as masts and building structures. The Outdoor Kits are designed to resist build-up of ice and snow in cold climates, and incorporate a sunshield to minimise solar loading in hot climates.

The kits include a mounting enclosure (ODU) for an RFeye Node, together with sunshield, mounting points for GPS antenna and multiple omni antennas. There are different ODK versions for more compact / re-deployable and also long-term fixed deployments.

The Standard ODK is larger, but provides space for additional equipment where necessary, whereas the Mini-ODK is more compact and better suited for applications where periodic re-deployment is necessary.

These ODKs support mounting for RFeye Node 40-8 / 100-8 / 100-18 / 100-40.

The Mini ODK is available in olive drab, light tan and white colour options.



White



Olive drab



Light tan



Standard RFeye
Outdoor Kit

Mini RFeye
Outdoor Kit

RFeye Outdoor Kit System benefits



Resistant to
snow and sun



Ruggedized
protection from
water or dust



Easy setup.
No tools
required



Includes multiple RF
antennas as well as
GPS receivers



Fast and simple
to deploy and
redeploy



A full range
of flexible
mounting kits

STANDARD OUTDOOR KIT



Enclosure with pole clamps and solar shield



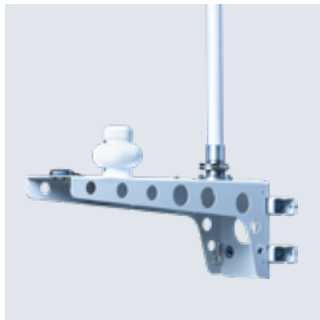
High-band antenna (8GHz and 18GHz options available)



Low-band antenna (10MHz to 1GHz)



GPS antenna



Antenna bracket with pole clamps



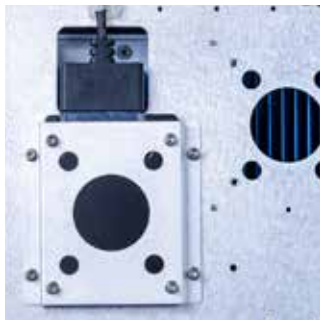
Outdoor POE in metal box clamps



Indoor POE



Cable entry gland



1 TB SSD Drive



Condensation discharge



Pressure relief vent



Braided earth strap

Physical

ODU Size	415 x 400 x 260mm (16.3 x 15.75 x 10.24in)
ODU Weight	28 kg (61.7 lbs)

Power supply

Power Supply (DC)*	12V DC (max limit 30V DC)
Power Supply (POnE)	POnE 56V

Environmental

Ingress protection	IP66
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Antenna mounts

Omni antennas	2 (up to 4 optional)
GPS antenna	1

*DC power supply is an optional extra

Outside details

- Enclosure with pole clamps and solar shield
- Antenna bracket with pole clamps
- GPS Antenna
- Low Band omni antenna with 3 metre N-type to SMA RF cable
- High Band omni antenna with 3 metre SMA to SMA RF Cable

Inside details

- Cable entry gland
- Pressure relief vent
- Condensation discharge

- DC power input
- Ethernet/POE input
- USB port
- 1 TB SSD Drive
- Braided earth strap

Accessories included

- Indoor POE Power supply with country specific mains cable
- Outdoor POE power supply
- Field installable RJ45 connector
- Field installable DC power connector

MINI OUTDOOR KIT



RFeye Node with sunshield.
Mini-ODK also comes with a
1TB SSD housed inside the Nose



High-band antenna (8GHz and
18GHz options available)



Low-band antenna



GPS antenna



2x Antenna brackets with
pole clamps



Outdoor POnE in metal box



Indoor POnE



Ruggedized protective
transport casing (optional)



RF cable (N-type to N-type)



RF cable (SMA to N-type)



Cat5e cable for POnE / Ethernet



Braided earth strap

Physical

ODU Size	220 x 120 x 415mm (8.66 x 4.72 x 16.3in)
ODU Weight	10 kg (22.1 lbs)
Mini antenna brackets weight (each)	2.1 kg (4.6 lbs)
Power supply	
Power Supply (DC)*	12V DC (max limit 30V DC)
Power Supply (POnE)	POnE 56V

Environmental

Ingress protection	IP67
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Antenna mounts

Omni antennas	2 (up to 4 optional)
GPS antenna	1

*DC power supply is an optional extra



Mini Outdoor kits come with a rugged wheeled
protection case (optional)



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