Band-Clamp Pole Installation Guide

Two rear brackets / Four chassis screws / Two band clamps | V1.3

Four dedicated rear holes secure the brackets: two upper holes for the upper bracket and two lower holes for the lower bracket. Attach both brackets first, then thread a band clamp through each bracket and secure the assembly to the pole.

1 Preparation

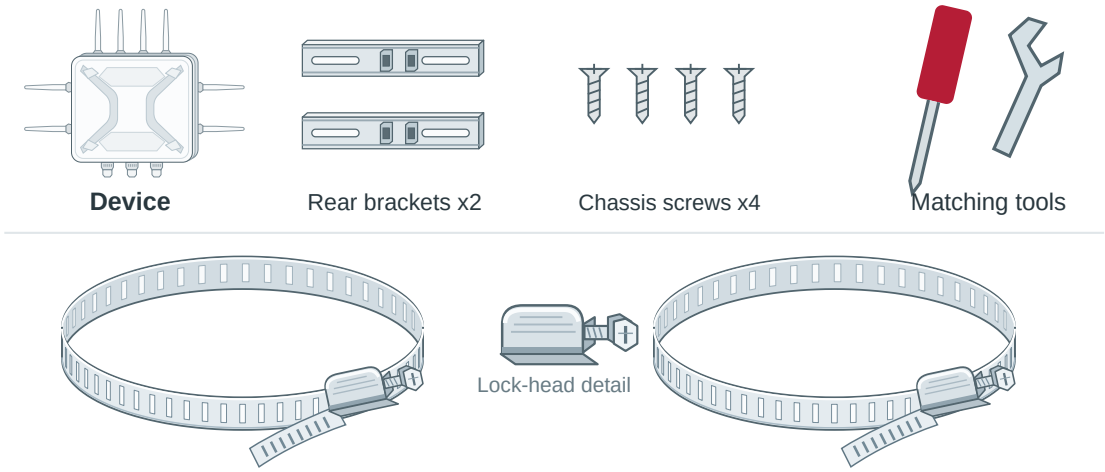


Fig. 1 Above: device, brackets, chassis screws and tools. Below: enlarged band clamps and lock-head detail.

Item	Quantity / Requirement	Purpose / Notes
Brackets and screws	1 upper and 1 lower bracket; 4 supplied chassis screws	2 screws per bracket; match the holes; do not mix with clamp-lock screws
Steel band clamps	2; one upper and one lower; check allowed pole diameter	Bands and lock heads must be free of cracks, severe corrosion and deformation
Installation tools	Matching screwdriver, socket or spanner; tape measure	Use suitable measuring tools for any formal torque requirement
Protection and support	Cut-resistant gloves; reliable support suitable for the site	Band edges may be sharp; follow site fall-protection rules for work at height

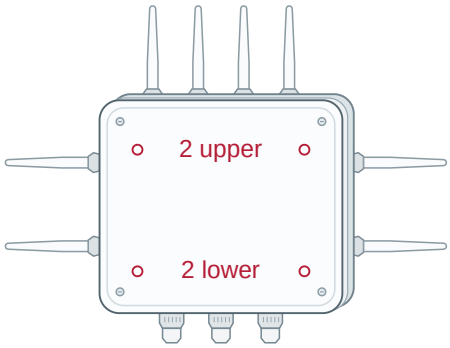
1. Disconnect every power source, including any supported PoE input. Check the pole, foundation, load and environmental conditions. Do not use a loose, cracked or severely corroded pole.
2. Check the kit's allowed pole-diameter range. Leave room for plugs, cooling, antennas, cable bends and tightening tools. For outdoor installations, prepare suitable sealing and grounding-protection materials.

> This guide describes the illustrated device and supplied components. Interface functions and antenna configuration depend on delivery. Check protection rating, orientation, load and wind-load conditions against equipment and site requirements.

2 Attach the Rear Brackets

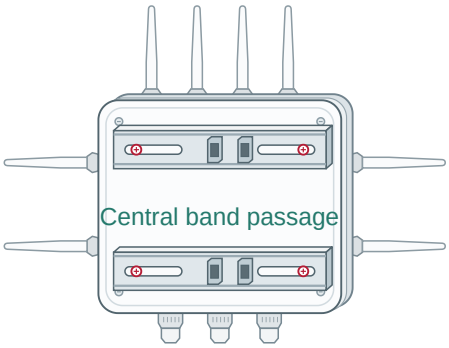
Upper pair of holes for the upper bracket; lower pair for the lower bracket

4 rear holes: 2 upper + 2 lower



Use red bracket holes; leave grey case screws

2 screws per bracket

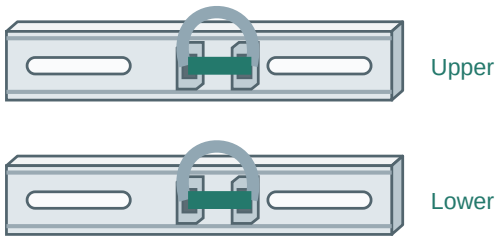


Use end slots for chassis screws

Fig. 2 Use two screws through each bracket's end slots. Do not remove the case-corner screws.

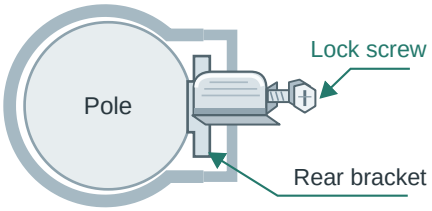
1. Set the unpowered device down steadily. Seat the upper bracket against the rear chassis, align its two upper fixing holes and insert two supplied screws. Start both by hand for several turns, then tighten alternately once both engage smoothly.
2. Align the lower bracket with the lower pair of holes and fit the other two supplied screws in the same way. Do not substitute other chassis screws or drill new chassis holes.
3. Both brackets must be firm and flush, with pole-contact faces outwards and their band passages clear. If factory-fitted, check both brackets and all four screws are secure before skipping this assembly step.

End slots: screws | Centre: band



Thread separately; no crossing or twisting

Wrap once; feed tail into lock



Top view: close each band outside the pole

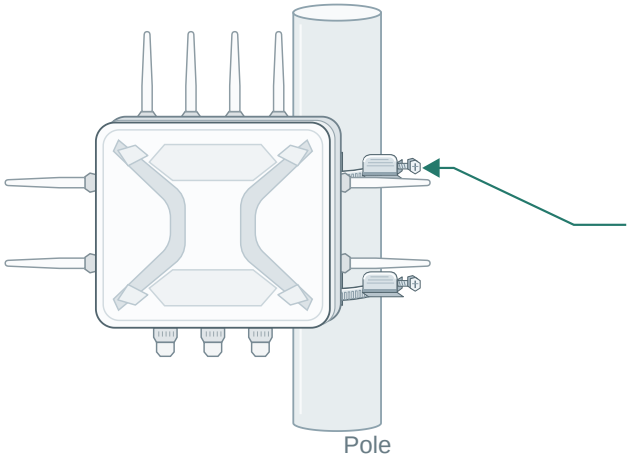
Fig. 3 Thread each band through the central passage, not the chassis-screw end slots; wrap and lock separately.

If a screw binds, or bottoms out while the bracket stays loose, stop and check the parts and screw length. Never force it or use a longer screw. Bands secure the device through its brackets; never clamp the chassis, cables or antennas directly.

3 Secure the Device to the Pole

One clamp at each bracket; support continuously and tighten alternately

1. Loosen both clamp-lock screws and open the bands. Thread one band through the upper bracket and the other through the lower bracket. Follow the actual lock-head design; do not pry it open.
2. Support the device with both bracket faces against the pole. Wrap each band once around the pole, feed its tail back into its own lock head and tighten loosely. Keep both bands flat, uncrossed and untwisted; do not trap cables.
3. Keep supporting the device. Set the height and direction with both brackets against the pole, then tighten upper and lower clamp screws alternately to any specified torque. Stow band tails as specified. Do not remove support before checking secure attachment.



Both brackets on pole; keep support

Start both clamps loosely

Set height / direction; tighten alternately

Keep lock heads accessible

Check 4 screws and 2 clamps

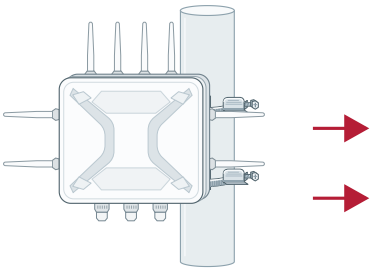
Do not clamp chassis or cables directly

Keep space for plugs and tightening tools

Fig. 4 Both rear brackets contact the pole; each band wraps around it. Operate lock screws from outside the pole.

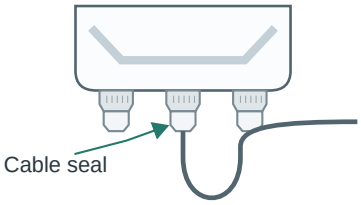
4 Installation Checks

Check: no sliding or rotation



Hold chassis, not antennas or connectors

Sealing and cable routing



Seal as required; form a suitable drip loop

Fig. 5 Check for sliding and rotation. Outdoor sealing and drip loops are routing principles only.

Check all four chassis screws and both band clamps are tight. Hold the chassis and push gently: there must be no obvious movement, downward sliding or rotation. Then connect as directed by the product instructions without cable pull on interfaces. Outdoors, seal interfaces and provide applicable grounding protection; form drip loops as routing permits. Check the power supply before switching on.

5 Remove the Device

Stop operation and disconnect power; support securely before releasing clamps

1. Stop operation under the site procedure and disconnect every power source. Label and unplug obstructing cables and relieve their pull. Keep water out of opened outdoor interfaces and temporarily seal them as required.
2. Support the chassis before progressively loosening both clamps. Ensure reliable support carries the device weight before releasing the final clamp. Never cut a loaded band or undo chassis-to-bracket screws first.
3. Remove the whole device with its brackets and set it down steadily. If brackets must be removed, hold them and remove the two upper and two lower chassis screws (four total). Keep all parts.

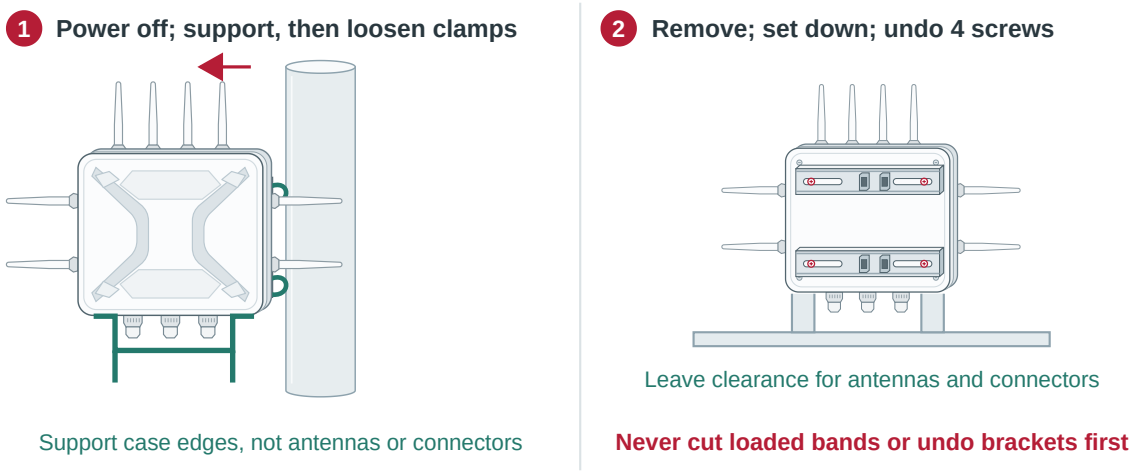


Fig. 6 Support, loosen clamps and remove with brackets. The support sketch is not a lifting or work-at-height plan.

Problems and Maintenance Checks

Problem	Action
Clamp will not lock or device slides	Maintain support. Check pole diameter, band route, lock heads and missing fixing points. Do not just apply more force.
Band or bracket deformed / badly corroded	Stop use. Replace with suitable matching parts and investigate the cause. Do not reuse damaged parts.
Loose connector, damaged seal or water ingress	Power off; check the interface as specified. Reseal and inspect before restoring power.

Follow the site maintenance plan and checks required after strong winds, vibration or similar events. Inspect the pole, foundation, clamps, brackets, fasteners and cable seals. Installation or removal at height, near edges or in exposed conditions requires suitably competent personnel following site procedures.

> For a kit with two rear brackets, four chassis fixing screws and two band clamps. Check pole-diameter range, hole spacing, fastener sizes, torque and loads against kit requirements. Line drawings are not fabrication drawings or structural-safety calculations.