

# VP270/24

## Mounting instructions



Two stainless mounting brackets are mounted on the antenna with four M6 bolts and washers. These can be used to mount the antenna on a tube or a wall.

Open the two supplied 40-60 mm hose clamps with a 7 mm wrench and slide them through the mount and around the tube. Use standard screws (not supplied) to mount the antenna on a wall.

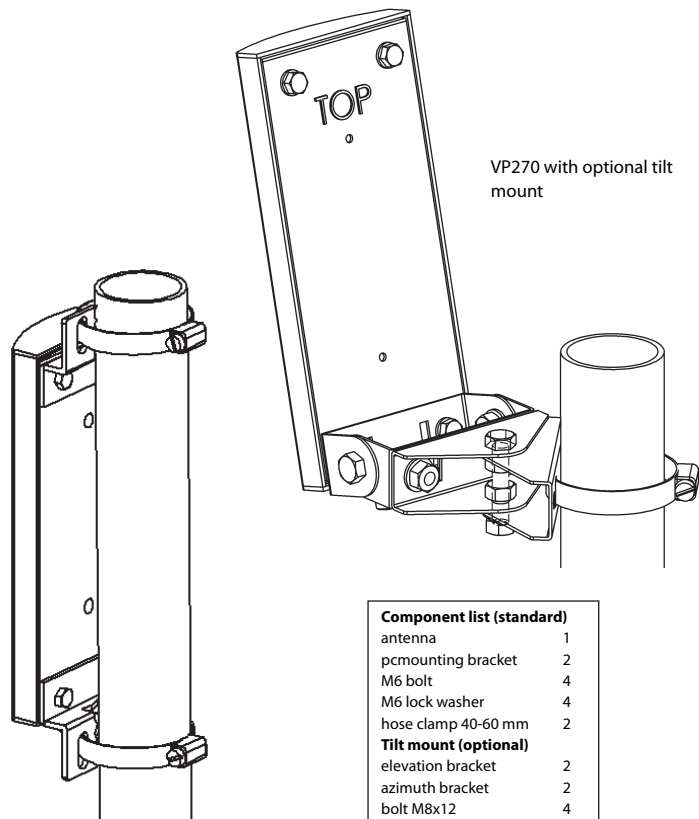
**Tilt mount (optional)** With the optional tilt mount, the VP270/24 can be adjusted in azimuth as well as elevation. Read more below about tilting and WLAN Design Tools. Mount the tilt mount as depicted and fix it to the antenna using the two lower M6 bolts on the antenna. The standard mounting brackets can be removed.

**Polarisation / connector** The antenna is vertically polarised. The type N female connector shall be mounted downwards.

**Weather proofing** The type SMA connector is weather proofed with the supplied heat shrink tubing with meltglue. Use a hot air gun to apply the shrink tubing.

**Surge protection** The antenna is DC grounded and hence no extra surge protection is required. Mount the antenna on a grounded tube or mast if available.

**WLAN Design Tools** On our home page you can use WLAN Design Tools. Use LinkBudget to calculate two-way link budget, AccessPointConfigurator (APC) to choose the best antenna for base stations and PolPlot to study the radiation pattern of the antennas.



VP270 with standard mount

VP270 with optional tilt mount

### Component list (standard)

|                              |   |
|------------------------------|---|
| antenna                      | 1 |
| pcmounting bracket           | 2 |
| M6 bolt                      | 4 |
| M6 lock washer               | 4 |
| hose clamp 40-60 mm          | 2 |
| <b>Tilt mount (optional)</b> |   |
| elevation bracket            | 2 |
| azimuth bracket              | 2 |
| bolt M8x12                   | 4 |
| bolt M8x42                   | 1 |
| nut M8                       | 7 |
| washer 8 mm                  | 5 |

**SMARTEQ™**  
WIRELESS TELECOM

SMARTEQ Wireless AB  
Enebyberg, Sweden  
info@smarteq.se  
www.smarteq.com

