

Installation Training

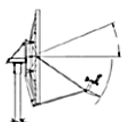
The Twoobii installation course was developed to assist our field engineers and service partners with the installation and set-up of a Twoobii user terminal and Wi-Fi Router (if included in the sale). The training is a practical hands-on session and is offered either as an e-training session via Zoom or Microsoft Teams or in-class training on-site at our Q-KON Africa offices in Centurion, South Africa.

Please note: a Twoobii Terminal needs to be purchased and be on-site before e-training (online) can be booked, paid and scheduled for.

Training Key Notes Overview

Theory

- An outline of the following is covered
- Basic definitions
- Overview of tools
- Calculations
- Site Survey
- Installation procedure
- Alignment
- Site Commissioning



Calculations

- How to calculate the Antenna look angle
- Calculating the inclometer angle



Practical Install

- Use Web GUI to connect to VSAT modem
- Point Antenna to Intelsat 33e at 60° East
- Communication with Q-KON NOC for modem status
- Evaluation
- Certification



GPS Info

- South Africa is South of Equator therefore Antenna required to point NE of Greenwich Meridian
- GPS Position needs to be accurate to have data timing correct

IE – 25.8712°
28.1877°



Dish Assembly

- Assemble the mount
- Position the mount
- Assemble the Antenna
- Place the dish on the mount
- Assemble the feed
- Route the cable



Alignment

- Using Sat-Master Pro get elevation and azimuth that the dish must align to
- Calculate look angle, set elevation
- Connect Rx/LNB to spectrum analyser
- Enter Center frequency
- Start fine tuning dish with very small movements



On-Line

Training via Zoom or Microsoft Teams.
Note: Twoobii terminal must be available.
8h30 till 15h00
incl. Completion certificate

On-Site

Training at Q-KON's offices in Centurion including lunch
8h30 till 15h00
incl. Completion certificate

About the trainer: Mr Shaun Horn

Shaun Horn has been in the communication industry since 1987. He started his career in the 2-way radio communication and telephony industry and from there moved on to microwave point-to-point and Wi-Fi point-to-multipoint solutions. In 2000 Shaun completed his 1st VSAT project and continued to complete multiple projects in Africa. He holds a GVF training accreditation.

