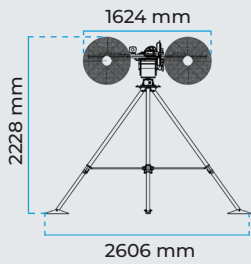


# ANTENNA TRACKER AT-1



## AT-1 Base

60+ km

max communication range with quadropode

## AT-1 Standard

130+ km

max communication range with 5 m mast



## AT-1 Advanced

130+ km

max communication range with 5 m mast + set of additional equipment.



Up to 3 hours of power from the built-in backup battery.

## Tech Specifications:

| Parameter                           | AT-1 Base                   |  | AT-1 Standard     | AT-1 Advanced |
|-------------------------------------|-----------------------------|--|-------------------|---------------|
| Rotation angle (azimuth)            | 0 -360°                     |  |                   |               |
| Tilt angle                          | -40° to +75°                |  |                   |               |
| Targeting accuracy                  | < 1°                        |  |                   |               |
| Load capacity on rotating mechanism | <15 kg                      |  |                   |               |
| Operating temperature range         | -20 ... +45°C               |  |                   |               |
| Humidity tolerance                  | 5 -75%                      |  |                   |               |
| Deployment time                     | 15 min / 2 person           |  | 25 min / 2 person |               |
| Communication range                 | Up to 60 km                 |  | Up to 130 km      |               |
| Polarization                        | Vertical                    |  |                   |               |
| Connection interface                | 100Base-T                   |  |                   |               |
| Protection level                    | IP65                        |  |                   |               |
| Input voltage                       | 24V DC                      |  |                   |               |
| C2 Link / CDL** data rate           | > 172 Kbps / > 10 Mbps      |  |                   |               |
| C2 Link / CDL** output power        | 30 dBm / 4x33 dBm           |  |                   |               |
| C2 Link / CDL** frequency range*    | 410-480 MHz / 2200-2500 MHz |  |                   |               |
| C2 Link / CDL** encryption          | AES-128 / AES-256           |  |                   |               |
| Dimensions (deployed)               | 2606x2606x2228 mm           |  | 2685x2685x5631 mm |               |
| Net weight                          | 30 kg                       |  | 72 kg             |               |

\* Command & Control Link  
\*\* Common Data Link

## What's Included:

| Item                                     | AT-1 Base | AT-1 Standard | AT-1 Advanced |
|------------------------------------------|-----------|---------------|---------------|
| AT-1 rotary device                       | ✓         | ✓             | ✓             |
| Basic antenna module                     | ✓         | ✓             | ✓             |
| Software                                 | ✓         | ✓             | ✓             |
| Operating documentation                  | ✓         | ✓             | ✓             |
| Transportation case                      | ✓         | ✓             | ✓             |
| Switching, control and power supply unit | ✓         | ✓             | ✓             |
| Enhanced antenna module                  |           | ✓             | ✓             |
| Aluminum telescopic mast                 |           | ✓             | ✓             |
| Control station                          |           | ✓             | ✓             |
| "Extension 100" kit                      |           |               | ✓             |
| Charging station                         |           |               | ✓             |