

PRESENTATION

- Compact antenna for outdoor use.
- Conical dome shape to prevent the accumulation of snow and leaves which could disrupt the reception of the satellite signal.
- Standard Ethernet cable connection to Netsilon 9 / 11 time server.
- Status LED indicator visible on the side of the antenna and from below.
- **The GNSS antenna is immune to the GPS rollover phenomenon.**

COMPLIANCE

- Directive EMC 2014/30/EU
- Directive LVD 2014/35/EU
- Directive RED 2014/53/EU



ELECTRICAL SPECIFICATIONS

- **Receiver**..... 72 channels (GPS L1C/A, GLONASS L10F, BeiDou B1, Galileo E1B/C).
Double frequency.
Supports RAIM (Receiver Autonomous Integrity Monitoring).
- **Coldstart**..... Maximum 12.5 minutes for synchronisation.
- **Hotstart**..... 1 second.
- **Constellations selection**..... Parameter setting from the time server.
- **Power supply and data**..... Through an Ethernet cable connected to the time server.
- **Recommended cable**..... Type : UV-resistant (outdoor use) straight Ethernet cable
Shielding : U/FTP minimum Category : 5e minimum
Gauge : AWG 23/24/26 > 1200m max, AWG 28 > 750m max
Maximum outside Ø : 7mm
Temperature range : depending on indoor/outdoor use
- **Maximum cable length**..... 1200m.

MECHANICAL SPECIFICATIONS

- **Construction**..... White polycarbonate dome.
304L stainless steel bracket
- **Operating temperature range**..... -30°C to +70°C.
- **Storing temperature range**..... -40°C to +85°C.
- **Humidity**..... 0 to 95%, non condensating.
- **Ingress protection rating**..... IP67, IK04.
- **Weight**..... 334g.
- **MTBF**..... > 80 000 hours.
- **Connections**..... 1x RJ45, waterproof connector.
- **Dimensions**..... See in the back of the document

REFERENCES

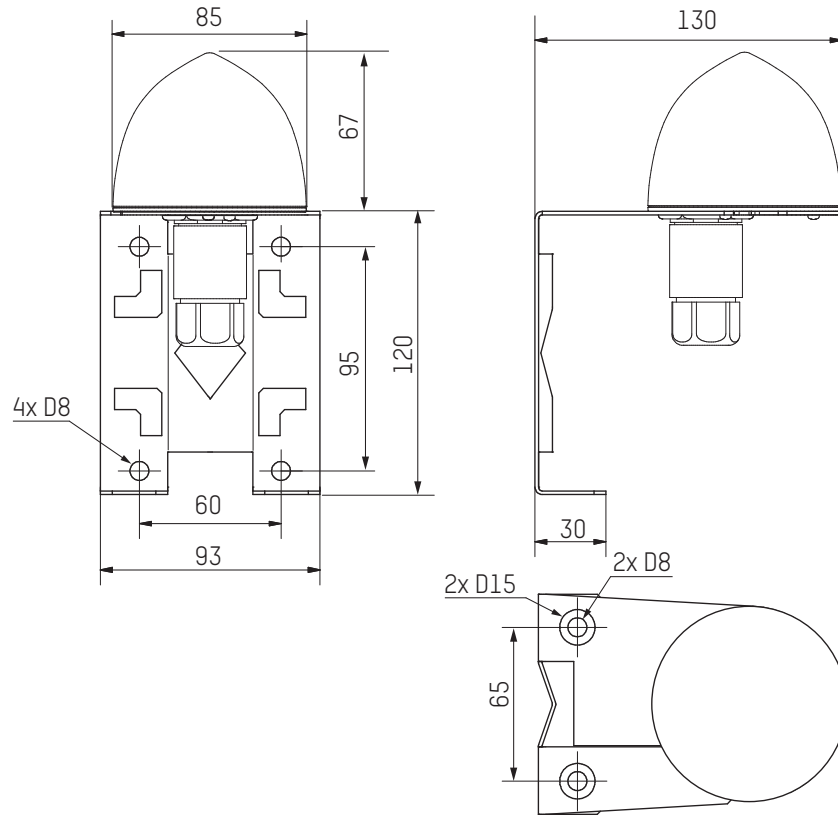
- **907 970**..... GNSS antenna (Receiver + Bracket)
- **907 975**..... Surge protector for Bodet GNSS antenna
- **907 981**..... GNSS antenna cable 20 m (UV-resistant)
- **907 982**..... GNSS antenna cable 40 m (UV-resistant)

The antennas are delivered with the installation manual and the bracket. The mounting screws are not included.

GNSS ANTENNA

DIMENSIONS

Dimensions in mm



EXAMPLES OF INSTALLATIONS

