AUX-ODU-SYNC



AUX-ODU-SYNC is a TDD synchronization hub, which has been designed to provide a timing reference to InfiMAN 2x2 and InfiMAN Evolution base station sectors as well as to InfiLINK 2x2 PRO units. In combination with Infinet's new proprietary TDMA-based wireless architecture, AUX-ODU-SYNC completes the solution, providing TDD synchronization to its systems, both legacy and newly deployed. TDD synchronization eliminates self-interference between multiple co-located units and enables frequency re-use within the same site. Infinet's implementation supports not only intra-, but inter-site synchronization too, thanks to the fact that the timing reference is GNSSbased.



Key Features

- ((p)) Compatible with InfiLINK 2x2 PRO, InfiMAN 2x2 BS and InfiMAN Evolution BS
- C Embedded GPS/GLONASS reciever and active antenna
- Provides GNSS-based timing references, geo-positioning information and UTC time

- Water and dust protection: IP66/IP67
- Input voltage: ±19..±56 VDC
- ∰ Operating temperature range: from -40°C
 - to +60°C

An all-in-one design, including the GPS/ GLONASS receiver, the antenna and the timing distribution scheme, housed in a low-profile enclosure, guarantees rapid and easy deployment. Specialised CAB-SYNC cables, providing interface conversion and lightning protection, must be used to connect AUX-ODU-SYNC to the units.

The additional benefits of deploying an AUX-ODU-SYNC unit include providing positioning as well as precise time information to all the units connected to it.



Parameter Description • InfiMAN 2x2 BS: R5000-Mmxb(s), R5000-Omxb(s), R5000-Qmxb Compatible models InfiLINK 2x2 PRO: R5000-Mmx(s), R5000-Omx(s) InfiMAN Evolution BS: E5-BS, E6-BS **GNSS** receiver Embedded, GPS/GLONASS **GNSS** antenna Embedded, active PoE type Passive PoE (4, 5, 7, 8 Ethernet pins used) Water and Dust Protection IP66 and IP67 ±19..±56 VDC Input voltage Power consumption up to 4 W Interfaces and connector • Port 0-6: sync outs (7 RJ-45 connectors to connect to ODU with special cable CAB-SYNC) • Power: DC input (1 RJ-45 connector to connect to power supply) Size and Weight 180x170x75 mm, 0.65 kg Operating temperature range from -40°C to +60°C Infinet compatible power IDU-CPE-G(24W) (is supplied by default), IDU-BS-G, IDU-BS-G (60W), supplies IDU-CPE-G, IDU-CPE, AUX-ODU-INJ-G, IDU-LA-G(V.01)





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