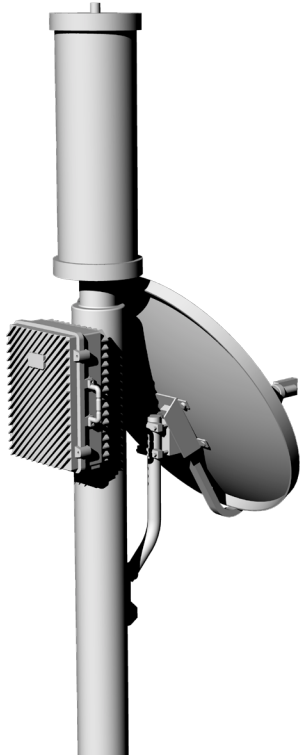


TV Smart Transmitter

Description

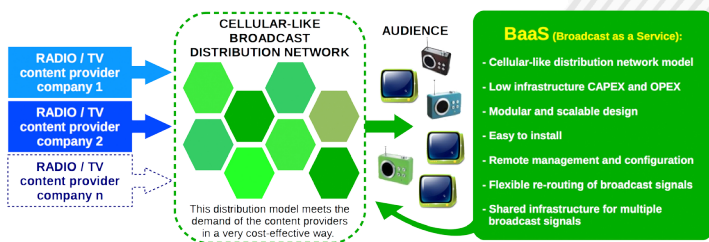


Thanks to the new digital technologies, all the hardware of a complete transmission station can now be integrated into a single equipment. **Smart-DVBT** by TRXInnovate is the highly compact solution that allows you to have all the functions of a DVB-T transmission site in a single, mast-mounted, small-sized box.

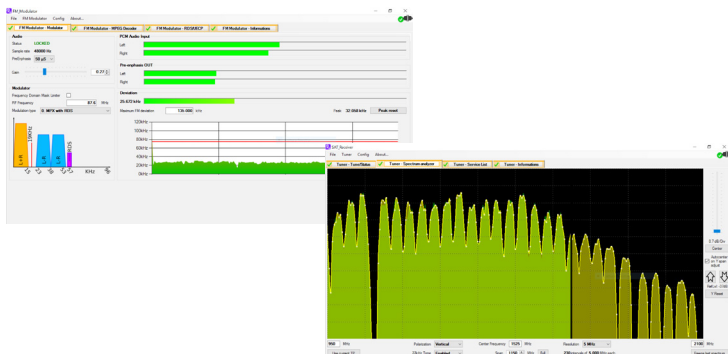
Low power consumption, low electromagnetic pollution, quick & easy installation are the key features that make our equipment the best choice for DVB-T area coverage.

Our cell-based model allows to cover vast territories in a smart way by transmitting the signal only to the needed areas, using

low-power transmitters and avoiding to waste power and money to cover unnecessary areas. Moreover, it also allows for scalable investments, whose economic return would be impossible to achieve with the traditional business model.



Thanks to the integrated control platform, the whole transmitter network can easily be managed and configured remotely from a single place.

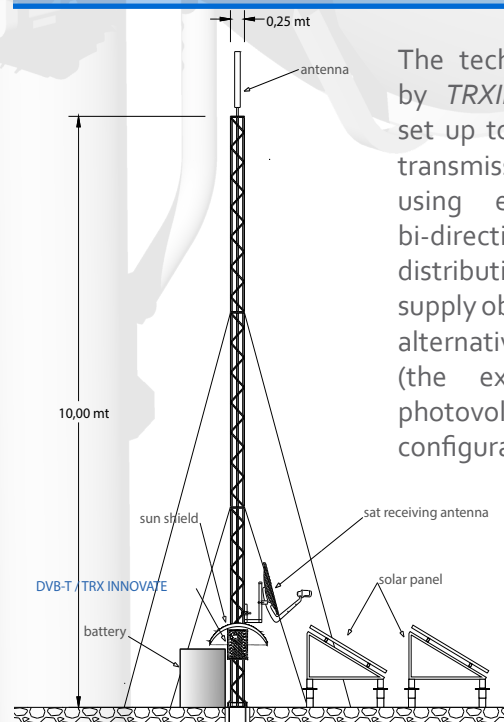


General Specifications*

| | |
|---------------------------|---|
| Operation frequency range | - UHF/VHF |
| Input | - RJ45 feed through waterproof connector for data stream and control - RF F type connector 75 Ohm to sat antenna - DC 24/48 V MIL-STD connector |
| Output | - RF N type connector 50 Ohm |
| Power | - 3 to 10 W for single ODU module |
| Supply | - ≤ 300W (depending on options) |
| Environmental data | - Operating range -15° to 60°C - Storage range -15° to 75°C |
| Dimensions | - Outdoor unit (ODU module): 442 x 312 x 165.5 mm |
| Antenna | - Low power Superturnstile |

* all options and configurations to be defined during the contract and network designing phase.

Rural Transmission Site Installation Example



The technology developed by TRXInnovate allows to set up totally self-sufficient transmission stations by using either mono- or bi-directional satellite distribution, with a power supply obtained by means of alternative energy sources (the example shows a photovoltaic panel + battery configuration).