

DTS Remote Surface Setup Accessories

Distributed temperature sensing remote surface setup accessories

Tendeka’s surface DTS setup offers the most advanced and reliable solution for monitoring harsh and remote environments

In remote locations, a surface enclosure mounted to a stand can be set up and a remotely operational surface system can be utilised to collect DTS data. The surface enclosure can house a number of surface accessories and provides protection against a wide range of weather conditions.

Oryx DTS Unit

Tendeka’s Oryx DTS unit is designed for outdoor installations and can operate in desert to sub-zero conditions. Installed inside the surface enclosure, the DTS unit will measure temperature from the enclosure all the way to the bottom of the wellbore.

Server Based Data Collector

Data from the DTS unit can be taken manually. However, Tendeka can provide a server based data collector which will allow the data to be transferred from the DTS unit remotely. This remote access also enables Tendeka to change the configuration of the DTS unit offsite.

Solar Equipment

If a power supply is not available at the well site, Tendeka can provide a solar panel set-up which will power any electrical devices inside the enclosure.

Features

- Remote operation
- Server-based data collection and configuration
- Low DTS unit power requirements (12-24V DC)
- Surface enclosure

Benefits

- Due to the DTS unit design, it can be used in a wide range of environments
- DTS data collection and access to the configuration program can be achieved remotely
- Enables a solar panel to be used for the power supply
- Surface components protected inside a weather and dust proof enclosure

