

## The Versatile Distributed Temperature & Strain Sensing

Designed for the Most Demanding Applications



### DTSS N62-Series

The DTSS N62-Series, a product of AP Sensing's foremost expertise in Distributed Temperature Sensing (DTS) technology, stands as a testament to cutting-edge engineering. Leveraging the advanced capabilities of **B-OTDR technology**, this **versatile DTSS** system offers an expansive optical budget, ensuring exceptional performance for monitoring long assets.

Meticulously integrated into AP Sensing's comprehensive product lineup, our N62-Series is **fully compatible with the SmartVision** software suite. The practicality of our design is further underscored by a **user-friendly web interface**, streamlining the commissioning process with intuitive ease. Prior to shipping, each DTSS unit undergoes **careful testing**, surpassing stringent quality benchmarks. This firm commitment underscores our dedication to not just meeting but exceeding customer expectations.

### AP Sensing's Long Range System Designed for your Infrastructure:



#### Distributed Temperature Sensing

- Power Cable Monitoring
- Pipeline Monitoring
- Geothermal Monitoring
- Dike & Dam Monitoring
- Landslide Monitoring
- Structural Health Monitoring
- Railway Monitoring
- Oil & Gas Upstream Monitoring



#### Distributed Strain Sensing

## Features & Benefits

- This versatile instrument enables precise temperature and strain measurements based on the unique Brillouin technology
- Single-ended design – no loop required
- Stringent quality control measures guarantee optimal performance and long product life
- 80 km + measurement range with multiple internal optical channels
- High optical budget ensures outstanding measurement performance
- Seamless integration into AP Sensing's comprehensive product offering (including RTTR, qDoBS, MLTA, SmartVision software)
- Practical and user-friendly web interface for easy commissioning
- Intelligent self-diagnosis enhances troubleshooting



## Designed for Your Peace of Mind

- Class 1 M laser product with low optical output
- Eyesafe laser wavelength (1550 nm)
- State-of-the-art IT security standards
- Based on 40+ years of experience and HP heritage

## Why AP Sensing?

- The best performance, highest reliability, and low cost of ownership
- Projects in all regions in the world – more than 600 customers in 70 countries
- World-class service, support, and training from AP Sensing's regional offices
- Fully certified and in compliance with internationally recognized standards
- Engineered & made in Germany



Learn More About the Product:  
[www.apsensing.com/product/dtss-n62-series](http://www.apsensing.com/product/dtss-n62-series)

More Information:  
+49 7031 309 6610  
[www.apsensing.com](http://www.apsensing.com)  
[info@apsensing.com](mailto:info@apsensing.com)