

## APPLICATIONS

- Component testing
- Field testing
- Performance analysis
- Structural fatigue
- Research

## PRODUCTS

DTS offers a full line of dynamic data acquisition systems and smart sensors for high shock testing.

## SERVICES

24/7 Worldwide Tech Support  
Calibration & Repair Services  
Application Support  
Software Integration  
OEM/Embedded Applications

## TECH CENTERS

Seal Beach, California USA  
Novi, Michigan USA  
Sydney, Australia  
Shanghai, China  
Zorge, Germany  
Tokyo, Japan

## BICYCLE TESTING

### Data Recorders for Structural, Performance & In-Field Data Collection



**BEFORE:**  
Test riders must carry a heavy backpack containing the data recorder and a large trailing umbilical cord that can add up to 15 pounds to the test set-up and alter test dynamics.



**AFTER:**  
DTS SLICE data recorders are so small and lightweight they easily mount on the frame and eliminate the heavy backpack and umbilical for true riding dynamics.

DTS is the world leader in data acquisition systems and smart sensors designed for dynamic testing. DTS offers some of the smallest data recorders available and are ideal for testing that involves acceleration, force, strain, impact and stress analysis.

## Data Acquisition Features

- Extremely small, lightweight, self-contained
- Easily mounts or embeds in test article
- 3-channel modularity, custom configurable
- Ideal for low and high channel count tests
- Able to record for hours (based on sampling rate)
- Sampling rates up to 120 ksps/channel
- High bandwidth anti-alias filters
- Durable enclosure, shock rated up to 5000 g
- Intuitive, easy-to-use software



12-channel SLICE MICRO system shown

## Recommended Product



SLICE miniature data recorders feature 3-channel sensor input SLICEs that stack to create modular, custom configurable systems. Available in two models.  
SLICE NANO: 26 x 31 mm footprint  
SLICE MICRO: 42 x 42 mm footprint



909 Electric Ave., Suite 206  
Seal Beach, CA 90740 USA  
Phone: +1 562 493 0158  
Email: sales@dtswb.com  
[www.dtswb.com](http://www.dtswb.com)

Specifications subject to change without notice.  
REV 10.2010