

## TTS08 Client Communication Driver

This document has the specific information related to this driver configuration. For a generic explanation on Device Module, Channels, Nodes and Points configuration, please refer to reference guide.

### Contents

Section 1 – Summary Information .....	2
Section 2 – Channel Configuration .....	2
Protocol Options .....	2
Settings.....	2
Section 3 – Node Configuration .....	2
Station Configuration .....	2
Section 4 – Point Configuration .....	3
Address .....	3
Section 5 – Troubleshoot .....	4
Revision History .....	4

## Section 1 – Summary Information

**Communication Driver Name:** TTS08

**Implementation DLL:** T.ProtocolDriver.TTS08.dll

**Interface:** TCPIP

**Protocol:** The SD50 is a TCPIP server that supplies a binary encoded sensor data stream on port 9876 and listens for parameter tare commands on port 9976.

**PC Hardware requirements:** Ethernet board

## Section 2 – Channel Configuration

### Protocol Options

Not used in this driver.

### Settings

***AcceptUnsolicited*** must be checked.

## Section 3 – Node Configuration

### Station Configuration

**Station syntax:** <IP> ; <Port>

Where:

< **IP** > = SD50 IP Address

< **Port** > = 9876 must be set to receive the data stream.

## Section 4 – Point Configuration

### Address

The syntax for the TTS08 communication points are:

- **<SensorTxId>:<ItemID>**

**<SensorTxId >** Sensor TxId in Hexa.

**<ItemID >** Specific item to be read. See the list below:

- **Battery**
- **Pressure**
- **Tension**
- **Torque**
- **Temperature**
- **X\_Axis\_Acceleration**
- **Y\_Axis\_Acceleration**
- **Z\_Axis\_Acceleration**
- **RPM**

## Section 5 – Troubleshoot

The status of the driver execution can be observed through the diagnostic tools, which are:

- Trace window
- Property Watch
- Module Information

Status value of 0 (zero) means communication success. Negative values indicate internal driver error.

### Revision History

Revision	Version	Description	Date
A	1.0.0.0	Initial Revision	<i>October 2017</i>